

<210> 59
 <211> 189
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2817268

<400> 59
 Met Ala Leu Leu Ser Arg Pro Ala Leu Thr Leu Leu Leu Leu Leu
 1 5 10 15
 Met Ala Ala Val Val Arg Cys Gln Glu Gln Ala Gln Thr Thr Asp
 20 25 30
 Trp Arg Ala Thr Leu Lys Thr Ile Arg Asn Gly Val His Lys Ile
 35 40 45
 Asp Thr Tyr Leu Asn Ala Ala Leu Asp Leu Leu Gly Gly Glu Asp
 50 55 60
 Gly Leu Cys Gln Tyr Lys Cys Ser Asp Gly Ser Lys Pro Phe Pro
 65 70 75
 Arg Tyr Gly Tyr Lys Pro Ser Pro Pro Asn Gly Cys Gly Ser Pro
 80 85 90
 Leu Phe Gly Val His Leu Asn Ile Gly Ile Pro Ser Leu Thr Lys
 95 100 105
 Cys Cys Asn Gln His Asp Arg Cys Tyr Glu Thr Cys Gly Lys Ser
 110 115 120
 Lys Asn Asp Cys Asp Glu Glu Phe Gln Tyr Cys Leu Ser Lys Ile
 125 130 135
 Cys Arg Asp Val Gln Lys Thr Leu Gly Leu Thr Gln His Val Gln
 140 145 150
 Ala Cys Glu Thr Thr Val Glu Leu Leu Phe Asp Ser Val Ile His
 155 160 165
 Leu Gly Cys Lys Pro Tyr Leu Asp Ser Gln Arg Ala Ala Cys Arg
 170 175 180
 Cys His Tyr Glu Glu Lys Thr Asp Leu
 185

<210> 60
 <211> 257
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2923165

<400> 60
 Met Thr Ala Ala Val Phe Phe Gly Cys Ala Phe Ile Ala Phe Gly
 1 5 10 15
 Pro Ala Leu Ala Leu Tyr Val Phe Thr Ile Ala Thr Glu Pro Leu
 20 25 30
 Arg Ile Ile Phe Leu Ile Ala Gly Ala Phe Phe Trp Leu Val Ser
 35 40 45

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Leu Leu Ile Ser Ser Leu Val Trp Phe Met Ala Arg Val Ile Ile
      50                      55                      60
Asp Asn Lys Asp Gly Pro Thr Gln Lys Tyr Leu Leu Ile Phe Gly
      65                      70                      75
Ala Phe Val Ser Val Tyr Ile Gln Glu Met Phe Arg Phe Ala Tyr
      80                      85                      90
Tyr Lys Leu Leu Lys Lys Ala Ser Glu Gly Leu Lys Ser Ile Asn
      95                      100                     105
Pro Gly Glu Thr Ala Pro Ser Met Arg Leu Leu Ala Tyr Val Ser
     110                      115                     120
Gly Leu Gly Phe Gly Ile Met Ser Gly Val Phe Ser Phe Val Asn
     125                      130                     135
Thr Leu Ser Asp Ser Leu Gly Pro Gly Thr Val Gly Ile His Gly
     140                      145                     150
Asp Ser Pro Gln Phe Phe Leu Tyr Ser Ala Phe Met Thr Leu Val
     155                      160                     165
Ile Ile Leu Leu His Val Phe Trp Gly Ile Val Phe Phe Asp Gly
     170                      175                     180
Cys Glu Lys Lys Lys Trp Gly Ile Leu Leu Ile Val Leu Leu Thr
     185                      190                     195
His Leu Leu Val Ser Ala Gln Thr Phe Ile Ser Ser Tyr Tyr Gly
     200                      205                     210
Ile Asn Leu Ala Ser Ala Phe Ile Ile Leu Val Leu Met Gly Thr
     215                      220                     225
Trp Ala Phe Leu Ala Ala Gly Gly Ser Cys Arg Ser Leu Lys Leu
     230                      235                     240
Cys Leu Leu Cys Gln Asp Lys Asn Phe Leu Leu Tyr Asn Gln Arg
     245                      250                     255
Ser Arg

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<210> 61

<211> 82

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2949822

<400> 61

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Met Pro Phe Ser Trp Met Val Ile Ile Leu Gly Phe Leu Cys Gly
  1      5      10      15
Leu Ser Gly Gln Leu Gln Ile Met Asn Thr Leu Ser Ser Leu Pro
     20      25      30
Ile Val Leu Leu Val Ser Ser Ser Cys Leu Ile Leu Ala Arg Met
     35      40      45
Ser Tyr Ser Ile Leu Thr Ser Ser Tyr Gly Gly Gly Val Phe Ile
     50      55      60
Leu Leu Asp Leu Lys Arg Asn Thr Ser Lys Val Ser Pro Leu Met
     65      70      75
Met Met Phe Ala Ile Gly His
     80

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<210> 62
 <211> 202
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2992192

<400> 62
 Met Ala Ala Pro Trp Arg Arg Trp Pro Thr Gly Leu Leu Ala Val
 1 5 10 15
 Leu Arg Pro Leu Leu Thr Cys Arg Pro Leu Gln Gly Thr Thr Leu
 20 25 30
 Gln Arg Asp Val Leu Leu Phe Glu His Asp Arg Gly Arg Phe Phe
 35 40 45
 Thr Ile Leu Gly Leu Phe Cys Ala Gly Gln Gly Val Phe Trp Ala
 50 55 60
 Ser Met Ala Val Ala Ala Val Ser Arg Pro Pro Val Pro Val Gln
 65 70 75
 Pro Leu Asp Ala Glu Val Pro Asn Arg Gly Pro Phe Asp Leu Arg
 80 85 90
 Ser Ala Leu Trp Arg Tyr Gly Leu Ala Val Gly Cys Gly Ala Ile
 95 100 105
 Gly Ala Leu Val Leu Gly Ala Gly Leu Leu Phe Ser Leu Arg Ser
 110 115 120
 Val Arg Ser Val Val Leu Arg Ala Gly Gly Gln Gln Val Thr Leu
 125 130 135
 Thr Thr His Ala Pro Phe Gly Leu Gly Ala His Phe Thr Val Pro
 140 145 150
 Leu Lys Gln Val Ser Cys Met Ala His Arg Gly Glu Val Pro Ala
 155 160 165
 Met Leu Pro Leu Lys Val Lys Gly Arg Arg Phe Tyr Phe Leu Leu
 170 175 180
 Asp Lys Thr Gly His Phe Pro Asn Thr Lys Leu Phe Asp Asn Thr
 185 190 195
 Val Gly Ala Tyr Arg Ser Leu
 200

<210> 63
 <211> 450
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2992458

<400> 63
 Met Leu Val Thr Ala Tyr Leu Ala Phe Val Gly Leu Leu Ala Ser
 1 5 10 15
 Cys Leu Gly Leu Glu Leu Ser Arg Cys Arg Ala Lys Pro Pro Gly
 20 25 30

Arg	Ala	Cys	Ser	Asn	Pro	Ser	Phe	Leu	Arg	Phe	Gln	Leu	Asp	Phe	35	40	45
Tyr	Gln	Val	Tyr	Phe	Leu	Ala	Leu	Ala	Ala	Asp	Trp	Leu	Gln	Ala	50	55	60
Pro	Tyr	Leu	Tyr	Lys	Leu	Tyr	Gln	His	Tyr	Tyr	Phe	Leu	Glu	Gly	65	70	75
Gln	Ile	Ala	Ile	Leu	Tyr	Val	Cys	Gly	Leu	Ala	Ser	Thr	Val	Leu	80	85	90
Phe	Gly	Leu	Val	Ala	Ser	Ser	Leu	Val	Asp	Trp	Leu	Gly	Arg	Lys	95	100	105
Asn	Ser	Cys	Val	Leu	Phe	Ser	Leu	Thr	Tyr	Ser	Leu	Cys	Cys	Leu	110	115	120
Thr	Lys	Leu	Ser	Gln	Asp	Tyr	Phe	Val	Leu	Leu	Val	Gly	Arg	Ala	125	130	135
Leu	Gly	Gly	Leu	Ser	Thr	Ala	Leu	Leu	Phe	Ser	Ala	Phe	Glu	Ala	140	145	150
Trp	Tyr	Ile	His	Glu	His	Val	Glu	Arg	His	Asp	Phe	Pro	Ala	Glu	155	160	165
Trp	Ile	Pro	Ala	Thr	Phe	Ala	Arg	Ala	Ala	Phe	Trp	Asn	His	Val	170	175	180
Leu	Ala	Val	Val	Ala	Gly	Val	Ala	Ala	Glu	Ala	Val	Ala	Ser	Trp	185	190	195
Ile	Gly	Leu	Gly	Pro	Val	Ala	Pro	Phe	Val	Ala	Ala	Ile	Pro	Leu	200	205	210
Leu	Ala	Leu	Ala	Gly	Ala	Leu	Ala	Leu	Arg	Asn	Trp	Gly	Glu	Asn	215	220	225
Tyr	Asp	Arg	Gln	Arg	Ala	Phe	Ser	Arg	Thr	Cys	Ala	Gly	Gly	Leu	230	235	240
Arg	Cys	Leu	Leu	Ser	Asp	Arg	Arg	Val	Leu	Leu	Leu	Gly	Thr	Ile	245	250	255
Gln	Ala	Leu	Phe	Glu	Ser	Val	Ile	Phe	Ile	Phe	Val	Phe	Leu	Trp	260	265	270
Thr	Pro	Val	Leu	Asp	Pro	His	Gly	Ala	Pro	Leu	Gly	Ile	Ile	Phe	275	280	285
Ser	Ser	Phe	Met	Ala	Ala	Ser	Leu	Leu	Gly	Ser	Ser	Leu	Tyr	Arg	290	295	300
Ile	Ala	Thr	Ser	Lys	Arg	Tyr	His	Leu	Gln	Pro	Met	His	Leu	Leu	305	310	315
Ser	Leu	Ala	Val	Leu	Ile	Val	Val	Phe	Ser	Leu	Phe	Met	Leu	Thr	320	325	330
Phe	Ser	Thr	Ser	Pro	Gly	Gln	Glu	Ser	Pro	Val	Glu	Ser	Phe	Ile	335	340	345
Ala	Phe	Leu	Leu	Ile	Glu	Leu	Ala	Cys	Gly	Leu	Tyr	Phe	Pro	Ser	350	355	360
Met	Ser	Phe	Leu	Arg	Arg	Lys	Val	Ile	Pro	Glu	Thr	Glu	Gln	Ala	365	370	375
Gly	Val	Leu	Asn	Trp	Phe	Arg	Val	Pro	Leu	His	Ser	Leu	Ala	Cys	380	385	390
Leu	Gly	Leu	Leu	Val	Leu	His	Asp	Ser	Asp	Arg	Lys	Thr	Gly	Thr	395	400	405
Arg	Asn	Met	Phe	Ser	Ile	Cys	Ser	Ala	Val	Met	Val	Met	Ala	Leu	410	415	420
Leu	Ala	Val	Val	Gly	Leu	Phe	Thr	Val	Val	Arg	His	Asp	Ala	Glu	425	430	435
Leu	Arg	Val	Pro	Ser	Pro	Thr	Glu	Glu	Pro	Tyr	Ala	Pro	Glu	Leu	440	445	450

<210> 64
 <211> 322
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 3044710

<400> 64
 Met Ala Arg Cys Phe Ser Leu Val Leu Leu Leu Thr Ser Ile Trp
 1 5 10 15
 Thr Thr Arg Leu Leu Val Gln Gly Ser Leu Arg Ala Glu Glu Leu
 20 25 30
 Ser Ile Gln Val Ser Cys Arg Ile Met Gly Ile Thr Leu Val Ser
 35 40 45
 Lys Lys Ala Asn Gln Gln Leu Asn Phe Thr Glu Ala Lys Glu Ala
 50 55 60
 Cys Arg Leu Leu Gly Leu Ser Leu Ala Gly Lys Asp Gln Val Glu
 65 70 75
 Thr Ala Leu Lys Ala Ser Phe Glu Thr Cys Ser Tyr Gly Trp Val
 80 85 90
 Gly Asp Gly Phe Val Val Ile Ser Arg Ile Ser Pro Asn Pro Lys
 95 100 105
 Cys Gly Lys Asn Gly Val Gly Val Leu Ile Trp Lys Val Pro Val
 110 115 120
 Ser Arg Gln Phe Ala Ala Tyr Cys Tyr Asn Ser Ser Asp Thr Trp
 125 130 135
 Thr Asn Ser Cys Ile Pro Glu Ile Ile Thr Thr Lys Asp Pro Ile
 140 145 150
 Phe Asn Thr Gln Thr Ala Thr Gln Thr Thr Glu Phe Ile Val Ser
 155 160 165
 Asp Ser Thr Tyr Ser Val Ala Ser Pro Tyr Ser Thr Ile Pro Ala
 170 175 180
 Pro Thr Thr Thr Pro Pro Ala Pro Ala Ser Thr Ser Ile Pro Arg
 185 190 195
 Arg Lys Lys Leu Ile Cys Val Thr Glu Val Phe Met Glu Thr Ser
 200 205 210
 Thr Met Ser Thr Glu Thr Glu Pro Phe Val Glu Asn Lys Ala Ala
 215 220 225
 Phe Lys Asn Glu Ala Ala Gly Phe Gly Gly Val Pro Thr Ala Leu
 230 235 240
 Leu Val Leu Ala Leu Leu Phe Phe Gly Ala Ala Ala Gly Leu Gly
 245 250 255
 Phe Cys Tyr Val Lys Arg Tyr Val Lys Ala Phe Pro Phe Thr Asn
 260 265 270
 Lys Asn Gln Gln Lys Glu Met Ile Glu Thr Lys Val Val Lys Glu
 275 280 285
 Glu Lys Ala Asn Asp Ser Asn Pro Asn Glu Glu Ser Lys Lys Thr
 290 295 300
 Asp Lys Asn Pro Glu Glu Ser Lys Ser Pro Ser Lys Thr Thr Val
 305 310 315
 Arg Cys Leu Glu Ala Glu Val
 320

<210> 65
 <211> 104
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 3120415

<400> 65
 Met Lys Leu Ala Ala Leu Leu Gly Leu Cys Val Ala Leu Ser Cys
 1 5 10 15
 Ser Ser Ala Ala Ala Phe Leu Val Gly Ser Ala Lys Pro Val Ala
 20 25 30
 Gln Pro Val Ala Ala Leu Glu Ser Ala Ala Glu Ala Gly Ala Gly
 35 40 45
 Thr Leu Ala Asn Pro Leu Gly Thr Leu Asn Pro Leu Lys Leu Leu
 50 55 60
 Leu Ser Ser Leu Gly Ile Pro Val Asn His Leu Ile Glu Gly Ser
 65 70 75
 Gln Lys Cys Val Ala Glu Leu Gly Pro Gln Ala Val Gly Ala Val
 80 85 90
 Lys Ala Leu Lys Ala Leu Leu Gly Ala Leu Thr Val Phe Gly
 95 100

<210> 66
 <211> 93
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 126758

<400> 66
 Met Lys Leu Val Thr Ile Phe Leu Leu Val Thr Ile Ser Leu Cys
 1 5 10 15
 Ser Tyr Ser Ala Thr Ala Phe Leu Ile Asn Lys Val Pro Leu Pro
 20 25 30
 Val Asp Lys Leu Ala Pro Leu Pro Leu Asp Asn Ile Leu Pro Phe
 35 40 45
 Met Asp Pro Leu Lys Leu Leu Leu Lys Thr Leu Gly Ile Ser Val
 50 55 60
 Glu His Leu Val Glu Gly Leu Arg Lys Cys Val Asn Glu Leu Gly
 65 70 75
 Pro Glu Ala Ser Glu Ala Val Lys Lys Leu Leu Glu Ala Leu Ser
 80 85 90
 His Leu Val

<210> 67
 <211> 71
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 674760

<400> 67
 Met Thr Ala Gly Gln Phe Pro Ala Leu Val Ser Leu Ala Leu Leu
 1 5 10 15
 Leu Asp Gly Gly Arg Arg Ala Ser Ala Arg Arg Asn Arg Gly His
 20 25 30
 Leu Trp Val Phe Cys Thr Ser Phe Leu Leu Ala Pro Trp Glu Val
 35 40 45
 Glu Asp Val Gly Trp Lys Lys Gly Leu Asp Leu Pro Pro Ser Ser
 50 55 60
 Ser Pro Pro Ser Pro Lys Glu Leu Ala Leu Gln
 65 70

<210> 68
 <211> 394
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1229438

<400> 68
 Met Lys Arg Gln Asn Val Arg Thr Leu Ala Leu Ile Val Cys Thr
 1 5 10 15
 Phe Thr Tyr Leu Leu Val Gly Ala Ala Val Phe Asp Ala Leu Glu
 20 25 30
 Ser Glu Pro Glu Leu Ile Glu Arg Gln Arg Leu Glu Leu Arg Gln
 35 40 45
 Gln Glu Leu Arg Ala Arg Tyr Asn Leu Ser Gln Gly Gly Tyr Glu
 50 55 60
 Glu Leu Glu Arg Val Val Leu Arg Leu Lys Pro His Lys Ala Gly
 65 70 75
 Val Gln Trp Arg Phe Ala Gly Ser Phe Tyr Phe Ala Ile Thr Val
 80 85 90
 Ile Thr Thr Ile Gly Tyr Gly His Ala Ala Pro Ser Thr Asp Gly
 95 100 105
 Gly Lys Val Phe Cys Met Phe Tyr Ala Leu Leu Gly Ile Pro Leu
 110 115 120
 Thr Leu Val Met Phe Gln Ser Leu Gly Glu Arg Ile Asn Thr Leu
 125 130 135
 Val Arg Tyr Leu Leu His Arg Ala Lys Lys Gly Leu Gly Met Arg
 140 145 150
 Arg Ala Asp Val Ser Met Ala Asn Met Val Leu Ile Gly Phe Phe
 155 160 165
 Ser Cys Ile Ser Thr Leu Cys Ile Gly Ala Ala Ala Phe Ser His

	170		175		180
Tyr Glu His Trp Thr Phe Phe Gln Ala Tyr Tyr Tyr Cys Phe Ile					
	185		190		195
Thr Leu Thr Thr Ile Gly Phe Gly Asp Tyr Val Ala Leu Gln Lys					
	200		205		210
Asp Gln Ala Leu Gln Thr Gln Pro Gln Tyr Val Ala Phe Ser Phe					
	215		220		225
Val Tyr Ile Leu Thr Gly Leu Thr Val Ile Gly Ala Phe Leu Asn					
	230		235		240
Leu Val Val Leu Arg Phe Met Thr Met Asn Ala Glu Asp Glu Lys					
	245		250		255
Arg Asp Ala Glu His Arg Ala Leu Leu Thr Arg Asn Gly Gln Ala					
	260		265		270
Gly Gly Gly Gly Gly Gly Gly Ser Ala His Thr Thr Asp Thr Ala					
	275		280		285
Ser Ser Thr Ala Ala Ala Gly Gly Gly Gly Phe Arg Asn Val Tyr					
	290		295		300
Ala Glu Val Leu His Phe Gln Ser Met Cys Ser Cys Leu Trp Tyr					
	305		310		315
Lys Ser Arg Glu Lys Leu Gln Tyr Ser Ile Pro Met Ile Ile Pro					
	320		325		330
Arg Asp Leu Ser Thr Ser Asp Thr Cys Val Glu Gln Ser His Ser					
	335		340		345
Ser Pro Gly Gly Gly Gly Arg Tyr Ser Asp Thr Pro Ser Arg Arg					
	350		355		360
Cys Leu Cys Ser Gly Ala Pro Arg Ser Ala Ile Ser Ser Val Ser					
	365		370		375
Thr Gly Leu His Ser Leu Ser Thr Phe Arg Gly Leu Met Lys Arg					
	380		385		390
Arg Ser Ser Val					

<210> 69

<211> 72

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1236935

<400> 69

Met Cys Pro Phe Phe Pro Leu Thr Ser Leu Ile Val Phe Leu Ile		
1	5	10
Leu Phe Phe Lys Thr Ile Ala Ser Ser Gly Ser Gly Gly Ser Cys		
	20	25
Leu Gly Leu Pro Lys Cys Trp Asp Tyr Arg Arg Glu His Arg Ala		
	35	40
Arg Pro Thr Ile Val Phe Ser Lys His Val Tyr Thr Tyr Ser Met		
	50	55
Arg Met Gln Ile Glu Ile Ser Thr Asn Ile Ser Gln		
	65	70

<210> 70
 <211> 71
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1359283

<400> 70
 Met Arg Leu Thr Gly Leu Thr Leu Leu Leu Ser Leu Met Glu Ser
 1 5 10 15
 Leu Gly Gln Val Glu Asp Arg Phe Phe Ser Thr His Arg Arg Phe
 20 25 30
 Pro His His Thr Pro Ile Ser Gly Leu Leu Cys Arg Glu Phe Ser
 35 40 45
 Leu Pro Lys Arg Ser Gly Val Pro Trp Thr Arg Val Leu Ile Ser
 50 55 60
 Cys Ile Trp Arg Ser Gly Ala Gly Lys Arg Met
 65 70

<210> 71
 <211> 247
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1450703

<400> 71
 Met His Leu Ala Arg Leu Val Gly Ser Cys Ser Leu Leu Leu Leu
 1 5 10 15
 Leu Gly Ala Leu Ser Gly Trp Ala Ala Ser Asp Asp Pro Ile Glu
 20 25 30
 Lys Val Ile Glu Gly Ile Asn Arg Gly Leu Ser Asn Ala Glu Arg
 35 40 45
 Glu Val Gly Lys Ala Leu Asp Gly Ile Asn Ser Gly Ile Thr His
 50 55 60
 Ala Gly Arg Glu Val Glu Lys Val Phe Asn Gly Leu Ser Asn Met
 65 70 75
 Gly Ser His Thr Gly Lys Glu Leu Asp Lys Gly Val Gln Gly Leu
 80 85 90
 Asn His Gly Met Asp Lys Val Ala His Glu Ile Asn His Gly Ile
 95 100 105
 Gly Gln Ala Gly Lys Glu Ala Glu Lys Leu Gly His Gly Val Asn
 110 115 120
 Asn Ala Ala Gly Gln Ala Gly Lys Glu Ala Asp Lys Ala Val Gln
 125 130 135
 Gly Phe His Thr Gly Val His Gln Ala Gly Lys Glu Ala Glu Lys
 140 145 150
 Leu Gly Gln Gly Val Asn His Ala Ala Asp Gln Ala Gly Lys Glu
 155 160 165
 Val Glu Lys Leu Gly Gln Gly Ala His His Ala Ala Gly Gln Ala

	170		175		180
Gly Lys Glu Leu Gln Asn Ala His Asn Gly Val Asn Gln Ala Ser					
	185		190		195
Lys Glu Ala Asn Gln Leu Leu Asn Gly Asn His Gln Ser Gly Ser					
	200		205		210
Ser Ser His Gln Gly Gly Ala Thr Thr Thr Pro Leu Ala Ser Gly					
	215		220		225
Ala Ser Val Asn Thr Pro Phe Ile Asn Leu Pro Ala Leu Trp Arg					
	230		235		240
Ser Val Ala Asn Ile Met Pro					
	245				

<210> 72

<211> 73

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1910668

<400> 72

Met Thr Cys Trp Met Leu Pro Pro Ile Ser Phe Leu Ser Tyr Leu			
1	5	10	15
Pro Leu Trp Leu Gly Pro Ile Trp Pro Cys Ser Gly Ser Thr Leu			
	20	25	30
Gly Lys Pro Asp Pro Gly Val Trp Pro Ser Leu Phe Arg Pro Trp			
	35	40	45
Asp Ala Ala Ser Pro Gly Asn Tyr Ala Leu Ser Arg Gly Glu Asn			
	50	55	60
Gln Tyr Glu Lys Trp Gly Gln Gly Thr His Ser Ser Leu			
	65	70	

<210> 73

<211> 70

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1955143

<400> 73

Met Gly Arg Leu Arg Tyr Phe Phe Ser Leu Leu Leu Arg Trp			
1	5	10	15
Gly Gln Leu Leu Gly Ala Asp Glu Phe Cys Cys His Lys Ser Tyr			
	20	25	30
Ile Ala His Leu Val Cys Thr Glu Ser Ala Ile Leu Asn Pro Gly			
	35	40	45
His Ala Leu Glu Leu Tyr Lys Lys Asn Leu Gln Val Ser Ile Leu			
	50	55	60

Ser Pro Tyr Pro Thr Asp Pro Ile His Leu
 65 70

<210> 74
 <211> 67
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1961637

<400> 74
 Met Met Phe Thr Ser Leu Ser Leu Ala Leu Pro Phe Leu Leu Gln
 1 5 10 15
 Thr Met Leu Cys Leu Arg Ala Leu Leu Ile Ala Val Pro His Gly
 20 25 30
 His Asp Trp Asn Arg Asp Ala Thr Ser Phe Tyr Thr Ser Thr Val
 35 40 45
 Ser Trp Val Lys Ser Phe Phe Leu Phe Val Leu Asp Gly Val Ser
 50 55 60
 Leu Leu Leu Pro Arg Leu Glu
 65

<210> 75
 <211> 91
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1990762

<400> 75
 Met Trp Pro Thr Thr Trp Ala Trp Ser Trp Val Gln Thr Leu Thr
 1 5 10 15
 Leu Ala Leu Leu Ile Ser Cys Val Thr Leu Gly Gln Leu Ile Thr
 20 25 30
 Thr Leu Gln Val Ser Phe Leu Ile Cys Glu Met Asp Val Ile Ile
 35 40 45
 Gly Cys Asp Glu Met Ile Pro Ser Glu Ser Leu Val Leu Leu Trp
 50 55 60
 Pro Pro Pro Leu Leu Leu Leu Gly Glu Phe Trp Ile Trp Asn Pro
 65 70 75
 Val Ser Arg Ile Leu Phe Trp Leu Cys His Val Pro Ala Gly Gln
 80 85 90
 Leu

<210> 76
<211> 56
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 1994131

<400> 76
Met Asn Glu Trp Trp Leu Leu Leu Leu Leu His Leu His Pro Pro
1 5 10 15
Arg Val Ile Ser Pro Phe Trp Phe Ile Val Ser Val Leu Thr Ala
20 25 30
Cys Asp Asn Arg Lys Tyr Ile Leu Leu Arg Thr Val Pro Val Phe
35 40 45
Ser Phe Pro Glu Asn Thr Tyr Phe Asp Val Gly
50 55

<210> 77
<211> 112
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 1997745

<400> 77
Met Pro Leu Phe Leu Ser Ile Pro Ser Leu Phe Leu Thr Leu Ser
1 5 10 15
Gly Leu Gly Leu Ala Val Gln Ser Pro Ala Gly Gly Cys Trp Gly
20 25 30
Leu Ser Leu Cys Arg His Cys Val Phe Leu Arg Gly Cys Pro Gln
35 40 45
Asn Thr Pro Pro Ala Pro Trp Gly Ser Ser Gly Ser His Phe Ser
50 55 60
Trp Ser Leu Arg Ser Gln Lys Gln Leu Leu Gln Glu Ala Lys Lys
65 70 75
Arg Leu Gly Trp Leu Leu Val Leu Met Met Ala Phe Ile Leu Leu
80 85 90
Gly His Phe Gly Tyr Ile His Gly His Cys Phe His Leu Ser Phe
95 100 105
Leu Pro Val Pro Pro Leu Pro
110

<210> 78
<211> 54
<212> PRT
<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2009035

<400> 78

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Met Met Leu Gln Pro Val Asp Leu Leu Gln Ser Tyr Leu Leu Leu
  1          5          10          15
Leu Tyr Cys Trp Ser Phe Ser Leu Leu Phe Thr Leu Leu Cys Asn
          20          25          30
Ala Val Arg Asn Asp Phe Phe His Lys Leu Phe Ser Ile Tyr Trp
          35          40          45
Met Tyr Asn Leu Thr His Ser Lys His
          50

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<210> 79

<211> 57

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2009152

<400> 79

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Met Lys Phe Tyr Ala Val Leu Leu Ser Ile Cys Leu Leu Leu Ser
  1          5          10          15
Cys Trp Cys Ala Cys His Val Arg Asp Cys Asn Leu Ile Cys Leu
          20          25          30
Phe Ser Thr Val Lys Ala Ile Thr Arg Glu Leu Leu Gln Leu Pro
          35          40          45
Ser Tyr Val Lys Arg Phe Phe Phe Asn Ser Leu Arg
          50          55

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<210> 80

<211> 52

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2061752

<400> 80

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Met Gln Arg Leu Gly Lys Ala Pro Gly Thr Trp Gln Ala Ile Ser
  1          5          10          15
Lys Cys Trp Leu Leu Leu Leu Leu Ser Leu Pro Phe Ser Gln Ser
          20          25          30
Ile Ile Ile Ser Leu Arg Ala Gly Thr Met Ser Tyr Leu Pro Leu
          35          40          45
Tyr Phe Pro Gln Tyr Phe Pro
          50

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<210> 81
<211> 64
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2061933

<400> 81
Met Lys Leu Leu Leu Leu Lys Leu Asp Phe Phe Ile Leu Leu Gly
1 5 10 15
Ser Glu Glu Ser Arg Cys Leu Val Asp Val Gln Tyr Val Ile Phe
20 25 30
Phe Leu Ile Glu Cys Val His Leu Lys Ser Ser Leu Thr Phe Leu
35 40 45
Glu Arg Leu Leu Ser Ile Asn Asn Gly Ile Leu Glu Glu Lys Trp
50 55 60
Phe Phe Lys Ser

<210> 82
<211> 65
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2081422

<400> 82
Met Lys Pro Leu Ile Pro Phe Leu Ser Pro Pro Pro Leu Leu Pro
1 5 10 15
Leu Thr Phe Phe Leu Ser Ser Leu Leu Leu Ser Pro Leu Cys Arg
20 25 30
Ala Leu Gly Thr Ser Gln Ala Val Pro Pro Leu Arg Ala Leu Ser
35 40 45
Val Thr Asp Ala His Gly Ser Leu Leu Leu His Pro Lys Thr Leu
50 55 60
Ala Cys Pro Cys Leu
65

<210> 83
<211> 56
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature

<223> Incyte Clone No: 2101278

<400> 83

Met	Arg	Ala	Asp	Arg	Leu	Leu	Pro	Ile	Ser	Ala	Leu	Cys	Leu	Leu
1					5				10					15
Tyr	Thr	Pro	Gly	Gly	Ala	Leu	Glu	Pro	Ala	Gln	Val	Gly	Tyr	Thr
					20				25					30
Ile	Phe	Leu	Asn	Ser	Ile	Trp	Leu	Pro	Ala	Tyr	Phe	Phe	His	Leu
					35				40					45
Phe	Thr	Val	Ile	Ser	Gly	Val	Phe	Leu	Phe	Ile				
					50				55					

<210> 84

<211> 120

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2121353

<400> 84

Met	Pro	Ala	Leu	Pro	Pro	Gly	Phe	Ser	Gln	Ala	Gly	Ser	Cys	Val
1				5					10					15
Pro	Thr	Gly	Ser	Ser	Leu	Val	Leu	Cys	Leu	Leu	Ala	Ala	Ser	Leu
				20					25					30
Leu	Leu	Phe	Val	Pro	Thr	Leu	Ala	Leu	Leu	Thr	Gly	Ala	Thr	Thr
				35					40					45
Cys	Trp	Cys	Leu	His	Asn	Lys	Arg	Leu	Ala	Leu	Arg	Pro	Leu	Ala
				50					55					60
Trp	Gln	Gly	Leu	Trp	Gly	Leu	Val	Ser	Thr	Arg	Leu	Ser	His	Gly
				65					70					75
Arg	Thr	Ser	Phe	Tyr	Phe	Asn	Ser	Leu	Pro	Leu	Gln	Thr	Asn	Ser
				80					85					90
Ser	Thr	Cys	Gln	Asn	His	Ser	Trp	Asp	Ser	Gly	Ala	Arg	Ala	Thr
				95					100					105
Ala	Leu	Ala	Ser	Gly	Arg	Thr	Gln	Glu	Gly	Gly	Val	Gly	Ser	Val
				110					115					120

<210> 85

<211> 67

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2241736

<400> 85

Met	Asn	Ser	Leu	Val	Leu	Phe	Leu	Gly	His	Leu	Gly	Leu	Leu	Ile
1					5				10					15

Lys Asp Cys Val Leu Leu Phe Ala Met Ser Lys Val Ser Gln Lys
 20 25 30
 Gln Lys Val Leu Gly Pro Phe Gly Ser Pro Glu Leu Glu Ser Leu
 35 40 45
 Gly Ile Gly Pro Arg Tyr Leu His Phe His Arg Phe Leu Val Gly
 50 55 60
 Asp Phe Leu Gln Ala Lys Val
 65

<210> 86
 <211> 62
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2271935

<400> 86
 Met Ala Trp Leu Ser Phe Ala Ala Val Glu Met Thr Leu Leu Leu
 1 5 10 15
 His Ser Ser Ser Leu Leu Ser Phe Ala Lys Val Val Leu Ser Leu
 20 25 30
 Pro Glu Ile Arg Pro Phe Gly Asp Gly Asn Phe Ser Leu Lys Gln
 35 40 45
 Ser Ser Lys Gln Asn Pro Asn Pro Ala Arg Val Gly Arg Lys Ser
 50 55 60
 Met Phe

<210> 87
 <211> 75
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2295344

<400> 87
 Met Met Ile Leu Leu Ser Leu Leu Val Ala Leu Ile Ser Val Ser
 1 5 10 15
 Leu Val Phe Leu Gly Leu Val Arg Phe Ser Arg Glu Asp Phe Ser
 20 25 30
 Phe Pro Leu Trp Arg Glu Lys Ala Phe Tyr Gln His Ser Ser Ser
 35 40 45
 Ser Val Gly Glu Arg Leu Gln Ala Leu Arg Lys His Ala Phe Thr
 50 55 60
 Leu Phe Gly Thr Ile Pro Leu Leu Val Thr Val Pro Gln Val Pro
 65 70 75

<210> 88
<211> 80
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2303994

<400> 88
Met Asn Ser Ile Phe Phe Leu Ser Leu Cys Leu Pro Leu Trp Val
1 5 10 15
Ser Leu Leu Trp Ala Lys Pro Leu Glu Met His Lys Thr Ser Arg
20 25 30
His Gly Phe Trp Gln Lys Leu His Asp Phe Lys Leu Ala Leu Leu
35 40 45
Leu Leu Thr Phe His Arg Glu Lys Ile Phe Pro Leu Lys Lys Thr
50 55 60
Gly Leu Val Ile Phe Ser Leu Val Ala Leu Ser Arg Asp Ile Ser
65 70 75
Ala Leu His Tyr Thr
80

<210> 89
<211> 50
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2497805

<400> 89
Met Arg Pro Ala Arg Leu Gly Pro Arg Cys Ser Asp Leu Asp Phe
1 5 10 15
Gly Leu Val Leu Ser Ser Trp Leu Arg Leu Ala Arg Cys Pro Leu
20 25 30
Glu Ser Ser Phe Gly Phe Ala Phe Phe Val Cys Leu Phe Ser Pro
35 40 45
Asn Phe Cys Gln Thr
50

<210> 90
<211> 116
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2646362

<400> 90

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Met Trp Trp Ala Leu Cys Ser Met Leu Pro Leu Leu Gly Cys Ala
 1           5           10           15
Cys Ser Ser Gly Cys Trp Gly Ser Gly Pro Thr Pro Leu Leu Ala
           20           25           30
Glu Pro Thr Phe Leu Cys Val Ser Ser Arg Pro His Asn Pro Leu
           35           40           45
Ser Phe Leu Ser Val Leu Pro Cys Ser Arg Gly Pro Gly Pro Ser
           50           55           60
Gly Leu Gln Gly Asp Gly Ala Gly Leu Pro Ala His Leu Gly Pro
           65           70           75
Leu Ser Cys Ile Cys Leu Pro Ser Leu Leu Cys Asp Leu Gly Glu
           80           85           90
Arg Gln Cys Pro Leu Trp Ala Val Arg Ser Thr Gln Cys Leu Ile
           95          100          105
Ala Gly Lys Lys Val Leu Gln Arg Leu Cys Pro
           110          115

```

<210> 91

<211> 67

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2657146

<400> 91

```

Met Ile Cys Gln Cys Leu Arg Leu Leu Leu Val Leu Val Thr Leu
 1           5           10           15
Leu Ile Cys Phe Ser Pro Asp Arg Leu Thr Cys Pro Leu Asn Ser
           20           25           30
Ala Val Val Leu Ala Ser Tyr Ala Val Gln Cys Lys Ser Gln Arg
           35           40           45
Glu His Phe Thr Asp Gly Gln Val Val Leu Ile Ser Val Trp Arg
           50           55           60
Lys Ser Leu Val Pro Pro Ala
           65

```

<210> 92

<211> 538

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2755786

<400> 92

```

Met Ala Gly Ala Arg Ala Ala Ala Ala Ala Ser Ala Gly Ser
 1           5           10           15

```

Ser	Ala	Ser	Ser	Gly	Asn	Gln	Pro	Pro	Gln	Glu	Leu	Gly	Leu	Gly	20	25	30
Glu	Leu	Leu	Glu	Glu	Phe	Ser	Arg	Thr	Gln	Tyr	Arg	Ala	Lys	Asp	35	40	45
Gly	Ser	Gly	Thr	Gly	Gly	Ser	Lys	Val	Glu	Arg	Ile	Glu	Lys	Arg	50	55	60
Cys	Leu	Glu	Leu	Phe	Gly	Arg	Asp	Tyr	Cys	Phe	Ser	Val	Ile	Pro	65	70	75
Asn	Thr	Asn	Gly	Asp	Ile	Cys	Gly	His	Tyr	Pro	Arg	His	Ile	Val	80	85	90
Phe	Leu	Glu	Tyr	Glu	Ser	Ser	Glu	Lys	Glu	Lys	Asp	Thr	Phe	Glu	95	100	105
Ser	Thr	Val	Gln	Val	Ser	Lys	Leu	Gln	Asp	Leu	Ile	His	Arg	Ser	110	115	120
Lys	Met	Ala	Arg	Cys	Arg	Gly	Arg	Phe	Val	Cys	Pro	Val	Ile	Leu	125	130	135
Phe	Lys	Gly	Lys	His	Ile	Cys	Arg	Ser	Ala	Thr	Leu	Ala	Gly	Trp	140	145	150
Gly	Glu	Leu	Tyr	Gly	Arg	Ser	Gly	Tyr	Asn	Tyr	Phe	Phe	Ser	Gly	155	160	165
Gly	Ala	Asp	Asp	Ala	Trp	Ala	Asp	Val	Glu	Asp	Val	Thr	Glu	Glu	170	175	180
Asp	Cys	Ala	Leu	Arg	Ser	Gly	Asp	Thr	His	Leu	Phe	Asp	Lys	Val	185	190	195
Arg	Gly	Tyr	Asp	Ile	Lys	Leu	Leu	Arg	Tyr	Leu	Ser	Val	Lys	Tyr	200	205	210
Ile	Cys	Asp	Leu	Met	Val	Glu	Asn	Lys	Lys	Val	Lys	Phe	Gly	Met	215	220	225
Asn	Val	Thr	Ser	Ser	Glu	Lys	Val	Asp	Lys	Ala	Gln	Arg	Tyr	Ala	230	235	240
Asp	Phe	Thr	Leu	Leu	Ser	Ile	Pro	Tyr	Pro	Gly	Cys	Glu	Phe	Phe	245	250	255
Lys	Glu	Tyr	Lys	Asp	Arg	Asp	Tyr	Met	Ala	Glu	Gly	Leu	Ile	Phe	260	265	270
Asn	Trp	Lys	Gln	Asp	Tyr	Val	Asp	Ala	Pro	Leu	Ser	Ile	Pro	Asp	275	280	285
Phe	Leu	Thr	His	Ser	Leu	Asn	Ile	Asp	Trp	Ser	Gln	Tyr	Gln	Cys	290	295	300
Trp	Asp	Leu	Val	Gln	Gln	Thr	Gln	Asn	Tyr	Leu	Lys	Leu	Leu	Leu	305	310	315
Ser	Leu	Val	Asn	Ser	Asp	Asp	Asp	Ser	Gly	Leu	Leu	Val	His	Cys	320	325	330
Ile	Ser	Gly	Trp	Asp	Arg	Thr	Pro	Leu	Phe	Ile	Ser	Leu	Leu	Arg	335	340	345
Leu	Ser	Leu	Trp	Ala	Asp	Gly	Leu	Ile	His	Thr	Ser	Leu	Lys	Pro	350	355	360
Thr	Glu	Ile	Leu	Tyr	Leu	Thr	Val	Ala	Tyr	Asp	Trp	Phe	Leu	Phe	365	370	375
Gly	His	Met	Leu	Val	Asp	Arg	Leu	Ser	Lys	Gly	Glu	Glu	Ile	Phe	380	385	390
Phe	Phe	Cys	Phe	Asn	Phe	Leu	Lys	His	Ile	Thr	Ser	Glu	Glu	Phe	395	400	405
Ser	Ala	Leu	Lys	Thr	Gln	Arg	Arg	Lys	Ser	Leu	Pro	Ala	Arg	Asp	410	415	420
Gly	Gly	Phe	Thr	Leu	Glu	Asp	Ile	Cys	Met	Leu	Arg	Arg	Lys	Asp	425	430	435
Arg	Gly	Ser	Thr	Thr	Ser	Leu	Gly	Ser	Asp	Phe	Ser	Leu	Val	Met			

	440		445		450
Glu Ser Ser Pro Gly Ala Thr Gly Ser Phe Thr Tyr Glu Ala Val					
	455		460		465
Glu Leu Val Pro Ala Gly Ala Pro Thr Gln Ala Ala Trp Leu Ala					
	470		475		480
Ala Leu Ser Asp Arg Glu Thr Arg Leu Gln Glu Val Arg Ser Ala					
	485		490		495
Phe Leu Ala Ala Tyr Ser Ser Thr Val Gly Leu Arg Ala Val Ala					
	500		505		510
Pro Ser Pro Ser Gly Ala Ile Gly Gly Leu Leu Glu Gln Phe Ala					
	515		520		525
Arg Gly Val Gly Leu Arg Ser Ile Ser Ser Asn Ala Leu					
	530		535		

<210> 93
 <211> 58
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2831245

<400> 93														
Met	Glu	Met	Lys	Gly	Ser	Arg	Val	Trp	Leu	Leu	Leu	Leu	Phe	Met
1				5					10					15
Trp	Lys	Ala	Arg	Pro	Thr	Phe	Phe	Gln	Ser	Cys	Val	Val	Pro	Phe
				20					25					30
Ile	Leu	Ser	Pro	Gln	Asn	Cys	Val	Gln	Thr	His	Ser	Leu	Gly	Pro
				35					40					45
Gly	Val	Trp	Leu	Gly	Val	Phe	Pro	Ser	Gly	Ser	Leu	His		
				50					55					

<210> 94
 <211> 119
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 3116250

<400> 94														
Met	Lys	Val	Leu	Ile	Ser	Ser	Leu	Leu	Leu	Leu	Leu	Pro	Leu	Met
1				5					10					15
Leu	Met	Ser	Met	Val	Ser	Ser	Ser	Leu	Asn	Pro	Gly	Val	Ala	Arg
				20					25					30
Gly	His	Arg	Asp	Arg	Gly	Gln	Ala	Ser	Arg	Arg	Trp	Leu	Gln	Glu
				35					40					45
Gly	Gly	Gln	Glu	Cys	Glu	Cys	Lys	Asp	Trp	Phe	Leu	Arg	Ala	Pro
				50					55					60


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Arg Arg Lys Phe Met Thr Val Ser Gly Leu Pro Lys Lys Gln Cys
      65                      70                      75
Pro Cys Asp His Phe Lys Gly Asn Val Lys Lys Thr Arg His Gln
      80                      85                      90
Arg His His Arg Lys Pro Asn Lys His Ser Arg Ala Cys Gln Gln
      95                      100                     105
Phe Leu Lys Gln Cys Gln Leu Arg Ser Phe Ala Leu Pro Leu
      110                     115

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<210> 95
 <211> 128
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 3129630

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<400> 95
Met Ala Tyr Ser Thr Val Gln Arg Val Ala Leu Ala Ser Gly Leu
  1      5      10      15
Val Leu Ala Leu Ser Leu Leu Leu Pro Lys Ala Phe Leu Ser Arg
      20      25      30
Gly Lys Arg Gln Glu Pro Pro Pro Thr Pro Glu Gly Lys Leu Gly
      35      40      45
Arg Phe Pro Pro Met Met His His His Gln Ala Pro Ser Asp Gly
      50      55      60
Gln Thr Pro Gly Ala Arg Phe Gln Arg Ser His Leu Ala Glu Ala
      65      70      75
Phe Ala Lys Ala Lys Gly Ser Gly Gly Gly Ala Gly Gly Gly Gly
      80      85      90
Ser Gly Arg Gly Leu Met Gly Gln Ile Ile Pro Ile Tyr Gly Phe
      95      100     105
Gly Ile Phe Leu Tyr Ile Leu Tyr Ile Leu Phe Lys Val Ser Arg
      110     115     120
Ile Ile Leu Ile Ile Leu His Gln
      125

```

<210> 96
 <211> 124
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 007632

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<400> 96
Met Tyr Lys Leu Ala Ser Cys Cys Leu Leu Phe Ile Gly Phe Leu
  1      5      10      15
Asn Pro Leu Leu Ser Leu Pro Leu Leu Asp Ser Arg Glu Ile Ser

```

	20		25		30
Phe Gln Leu Ser Ala	Pro His Glu Asp	Ala Arg Leu Thr	Pro Glu		
	35		40		45
Glu Leu Glu Arg Ala	Ser Leu Leu Gln	Ile Leu Pro Glu	Met Leu		
	50		55		60
Gly Ala Glu Arg Gly	Asp Ile Leu Arg	Lys Ala Asp Ser	Ser Thr		
	65		70		75
Asn Ile Phe Asn Pro	Arg Gly Asn Leu	Arg Lys Phe Gln	Asp Phe		
	80		85		90
Ser Gly Gln Asp Pro	Asn Ile Leu Leu	Ser His Leu Leu	Ala Arg		
	95		100		105
Ile Trp Lys Pro Tyr	Lys Lys Arg Glu	Thr Pro Asp Cys	Phe Trp		
	110		115		120
Lys Tyr Cys Val					

<210> 97

<211> 182

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1236968

<400> 97

Met Trp Pro Leu Ser	Ser Asp Ser Ser	Trp Ser Leu Trp	Ile Ser
1	5	10	15
Thr Gly Met Ala Pro	Ala Pro Ser Ser	Ser Thr Arg Ser	Phe Ser
	20	25	30
Glu Ser Leu Lys Gln	Lys Leu Val Arg	Val Leu Glu Glu	Asn Leu
	35	40	45
Ile Leu Ser Glu Lys	Ile Gln Gln Leu	Glu Glu Gly Ala	Ala Ile
	50	55	60
Ser Ile Val Ser Gly	Gln Gln Ser His	Thr Tyr Asp Asp	Leu Leu
	65	70	75
His Lys Asn Gln Gln	Leu Thr Met Gln	Val Ala Cys Leu	Asn Gln
	80	85	90
Glu Leu Ala Gln Leu	Lys Lys Leu Glu	Lys Thr Val Ala	Ile Leu
	95	100	105
His Glu Ser Gln Arg	Ser Leu Val Val	Thr Asn Glu Tyr	Leu Leu
	110	115	120
Gln Gln Leu Asn Lys	Glu Pro Lys Gly	Tyr Ser Gly Lys	Ala Leu
	125	130	135
Leu Pro Pro Glu Lys	Gly His His Leu	Gly Arg Ser Ser	Pro Phe
	140	145	150
Gly Lys Ser Thr Leu	Ser Ser Ser Ser	Pro Val Ala His	Glu Thr
	155	160	165
Gly Gln Tyr Leu Ile	Gln Ser Val Leu	Asp Ala Ala Pro	Glu Pro
	170	175	180
Gly Leu			

<210> 98
 <211> 237
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1334153

<400> 98
 Met Lys Gly Ile Leu Val Ala Gly Ile Thr Ala Val Leu Val Ala
 1 5 10 15
 Ala Val Glu Ser Leu Ser Cys Val Pro Cys Asn Ser Trp Glu Lys
 20 25 30
 Ser Cys Val Asn Ser Ile Ala Ser Glu Cys Pro Ser His Ala Asn
 35 40 45
 Thr Ser Cys Ile Ser Ser Ser Ala Ser Ser Ser Leu Glu Thr Pro
 50 55 60
 Val Arg Leu Tyr Gln Asn Met Phe Cys Ser Ala Glu Asn Cys Ser
 65 70 75
 Glu Glu Thr His Ile Thr Ala Phe Thr Val His Val Ser Ala Glu
 80 85 90
 Glu His Phe His Phe Val Ser Gln Cys Cys Gln Gly Lys Glu Cys
 95 100 105
 Ser Asn Thr Ser Asp Ala Leu Asp Pro Pro Leu Lys Asn Val Ser
 110 115 120
 Ser Asn Ala Glu Cys Pro Ala Cys Tyr Glu Ser Asn Gly Thr Ser
 125 130 135
 Cys Arg Gly Lys Pro Trp Lys Cys Tyr Glu Glu Glu Gln Cys Val
 140 145 150
 Phe Leu Val Ala Glu Leu Lys Asn Asp Ile Glu Ser Lys Ser Leu
 155 160 165
 Val Leu Lys Gly Cys Ser Asn Val Ser Asn Ala Thr Cys Gln Phe
 170 175 180
 Leu Ser Gly Glu Asn Lys Thr Leu Gly Gly Val Ile Phe Arg Lys
 185 190 195
 Phe Glu Cys Ala Asn Val Asn Ser Leu Thr Pro Thr Ser Ala Pro
 200 205 210
 Thr Thr Ser His Asn Val Gly Ser Lys Ala Ser Leu Tyr Leu Leu
 215 220 225
 Ala Leu Ala Ser Leu Leu Leu Arg Gly Leu Leu Pro
 230 235

<210> 99
 <211> 160
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1396975

<400> 99
 Met Arg Pro Gly Pro Met Leu Gln Ala Arg Val Ser Ile Pro Ala

1	5	10	15
Ala Leu Gly Thr	Leu Phe Pro Arg Pro	Gly Trp Ala Pro	Gly Glu
20	25	30	
Val Ser Ser Glu	Ile Ser Ser Arg Asp	Leu Leu Asn Pro	His Pro
35	40	45	
Ser Thr Pro Ser	Cys Cys Ser Gln Ser	Trp Ser Pro Met	Ser Val
50	55	60	
Leu Glu Pro Asp	Ser Arg Gly Pro Pro	Pro Ile Ser Leu	Thr His
65	70	75	
Thr Gly Ile His	Thr Pro Gln Lys Thr	Ser Gln Met Arg	Pro Asp
80	85	90	
Ser Gly Ser Arg	Gly Met Cys Phe Cys	Pro Cys Lys Gly	Phe Gly
95	100	105	
Glu Gly Gly Asn	Ile Val Glu Ala Gly	Lys Ser Pro Gln	Thr Cys
110	115	120	
Ala His Ala Pro	Pro Ala Leu Arg Phe	His Ser Ala Phe	Ser Glu
125	130	135	
Cys Pro Cys Cys	Thr Gln Thr Thr Gly	Gln Glu Arg Pro	Ser Leu
140	145	150	
Pro Leu Gln Pro	Leu Ser Leu Pro	Phe Asn	
155	160		

<210> 100

<211> 148

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1501749

<400> 100

Met Ala Ala Ser	Pro Ala Arg Pro	Ala Val Leu Ala	Leu Thr Gly
1	5	10	15
Leu Ala Leu Leu	Leu Leu Leu Cys	Trp Gly Pro Gly	Gly Ile Ser
20	25	30	
Gly Asn Lys Leu	Lys Leu Met Leu	Gln Lys Arg Glu	Ala Pro Val
35	40	45	
Pro Thr Lys Thr	Lys Val Ala Val	Asp Glu Asn Lys	Ala Lys Glu
50	55	60	
Phe Leu Gly Ser	Leu Lys Arg Gln	Lys Arg Gln Leu	Trp Asp Arg
65	70	75	
Thr Arg Pro Glu	Val Gln Gln Trp	Tyr Gln Gln Phe	Leu Tyr Met
80	85	90	
Gly Phe Asp Glu	Ala Lys Phe Glu	Asp Asp Ile Thr	Tyr Trp Leu
95	100	105	
Asn Arg Asp Arg	Asn Gly His Glu	Tyr Tyr Gly Asp	Tyr Tyr Gln
110	115	120	
Arg His Tyr Asp	Glu Asp Ser Ala	Ile Gly Pro Arg	Ser Pro Tyr
125	130	135	
Gly Phe Arg His	Gly Ala Ser Val	Asn Tyr Asp Asp	Tyr
140	145		

<210> 101
 <211> 170
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1575240

<400> 101
 Met Thr Pro Thr Lys Arg Glu Pro Pro Ala Ala Pro Leu Leu Leu
 1 5 10 15
 Arg Val Leu Pro Gln Leu Ser Ala Met Ser Leu Arg Leu Ser Thr
 20 25 30
 Arg Arg Glu Asp Met Ile Gly Gln Thr Ser Gly Met Cys Ser Phe
 35 40 45
 Cys Ser Phe Gln Asn Met Arg Gly Glu Ser Ile Trp Leu Leu Cys
 50 55 60
 Leu Glu Glu Glu Gly Ala Gly Leu Cys Gln Asn Ser Leu Asp Lys
 65 70 75
 Arg Phe Ser Gln Lys Glu Gly Cys Ser Asp Asp Lys Ser Pro Leu
 80 85 90
 His His Phe Pro Trp Leu Ser Asp Ala Pro Pro Ser Ser His Ala
 95 100 105
 Arg Thr Ser Glu Ile Arg Leu Pro Pro Asp Ile Thr Gln Pro Cys
 110 115 120
 Leu Thr Lys Arg Gln Trp Phe Ile Pro Ser Leu Gly Glu Lys Arg
 125 130 135
 Gly Asn Ala Lys Leu Leu His Gln Leu Leu Ile Leu Leu Pro Ala
 140 145 150
 Arg Asn Pro Gly Tyr Leu Gln Val Ser Leu Pro Leu Val Trp Ser
 155 160 165
 Trp Leu Ser Leu Phe
 170

<210> 102
 <211> 150
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1647884

<400> 102
 Met Gly Ala Ala Ala Trp Ala Arg Pro Leu Ser Val Ser Phe Leu
 1 5 10 15
 Leu Leu Leu Leu Pro Leu Pro Gly Met Pro Ala Gly Ser Trp Asp
 20 25 30
 Pro Ala Gly Tyr Leu Leu Tyr Cys Pro Cys Met Gly Lys Ala Ser
 35 40 45
 Gln Ala Leu Cys Ser Asp Gly Glu Thr Glu Ala Gly Arg Gly Lys
 50 55 60

Ala	Thr	Pro	Gln	Met	Arg	Pro	Glu	Thr	Pro	Ser	Gln	Val	Gln	Glu
				65					70					75
Arg	Thr	Ser	Glu	Arg	Asp	Gly	Ala	Cys	Ser	Ser	Pro	Leu	Cys	Leu
				80					85					90
Ser	Cys	Lys	Gly	Thr	Glu	Gly	Pro	Thr	Cys	Pro	Thr	Phe	His	Leu
				95					100					105
Thr	Asp	Glu	Lys	Thr	Glu	Ala	Gly	Arg	Gly	Tyr	Val	Thr	Cys	Leu
				110					115					120
Arg	Ser	Lys	Pro	Val	Gln	Gly	Pro	Val	Asn	Gly	Val	Ser	Gly	Ala
				125					130					135
Gly	Leu	Asp	Val	Thr	Asp	Pro	Arg	Trp	Leu	Leu	Val	Ile	Phe	His
				140					145					150

<210> 103

<211> 142

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1661144

<400> 103

Met	Gly	Cys	Leu	Val	Trp	Gly	Pro	Ser	Trp	Pro	Pro	Leu	Ser	Leu
1				5					10					15
Leu	Ala	Ser	Leu	Leu	His	Ser	Gly	Ile	Ala	Gly	Arg	Cys	Leu	Leu
				20					25					30
Cys	Leu	Phe	Lys	Gly	Leu	Ala	Ala	Ala	Ala	Ser	Leu	Gln	Ile	Arg
				35					40					45
Asp	Leu	Ala	Ser	Arg	Leu	Thr	Thr	Gly	Pro	Arg	Thr	Cys	Arg	Val
				50					55					60
Gln	Pro	Pro	Pro	His	Pro	Gln	Ser	Ser	Pro	Pro	Trp	Pro	Gly	Pro
				65					70					75
Pro	Gly	Ala	Glu	Thr	Cys	Arg	Pro	Leu	Ser	Arg	Thr	Val	Gly	Gly
				80					85					90
Val	Cys	Pro	Ser	Asp	Trp	Pro	Val	Ser	Trp	Leu	Leu	Leu	Pro	Pro
				95					100					105
Leu	Pro	Glu	Val	Val	Thr	Cys	Ser	Cys	Pro	Arg	Ile	Lys	Ala	Arg
				110					115					120
Pro	Glu	Arg	Thr	Pro	Glu	Leu	Leu	Cys	Ala	Trp	Gly	Gly	Arg	Gly
				125					130					135
Lys	His	Ser	Gln	Leu	Val	Ala								
				140										

<210> 104

<211> 110

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1685409

<400> 104

Met	Glu	Thr	Gly	Arg	Leu	Leu	Ser	Leu	Ser	Ser	Leu	Pro	Leu	Val
1				5					10					15
Leu	Leu	Gly	Trp	Glu	Tyr	Ser	Ser	Gln	Thr	Leu	Asn	Leu	Val	Pro
				20					25					30
Ser	Thr	Ser	Ile	Leu	Ser	Phe	Val	Pro	Phe	Ile	Pro	Leu	His	Leu
				35					40					45
Val	Leu	Phe	Ala	Leu	Trp	Tyr	Leu	Pro	Val	Pro	His	His	Leu	Tyr
				50					55					60
Pro	Gln	Gly	Leu	Gly	Asp	His	Ala	Ala	Glu	Ala	Glu	Lys	Gly	Lys
				65					70					75
Arg	Glu	Glu	Gly	Gly	Thr	Gln	Val	Ala	Leu	Trp	Leu	Arg	Val	Gln
				80					85					90
Pro	Ser	Cys	Pro	Ser	Pro	Val	Cys	Leu	Glu	Pro	Val	Pro	Pro	Arg
				95					100					105
Ser	Arg	Phe	Leu	Leu										
				110										

<210> 105

<211> 120

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1731419

<400> 105

Met	Ser	Arg	Ala	Gly	Met	Leu	Gly	Val	Val	Cys	Ala	Leu	Leu	Val
1				5					10					15
Trp	Ala	Tyr	Leu	Ala	Val	Gly	Lys	Leu	Val	Val	Arg	Met	Thr	Phe
				20					25					30
Thr	Glu	Leu	Cys	Thr	His	His	Pro	Trp	Ser	Leu	Arg	Cys	Glu	Ser
				35					40					45
Phe	Cys	Arg	Ser	Arg	Val	Thr	Ala	Cys	Leu	Pro	Ala	Pro	Ala	Pro
				50					55					60
Trp	Leu	Arg	Pro	Phe	Leu	Cys	Pro	Met	Leu	Phe	Ser	Asp	Arg	Asn
				65					70					75
Pro	Val	Glu	Cys	His	Leu	Phe	Gly	Glu	Ala	Val	Ser	Asp	Pro	Val
				80					85					90
Cys	Lys	Gly	Leu	Leu	Pro	His	Tyr	Phe	Trp	His	Pro	Thr	Phe	Phe
				95					100					105
Pro	Val	Lys	Ala	Asn	Cys	Leu	Val	Ser	Phe	Cys	Pro	Thr	Thr	Val
				110					115					120

<210> 106

<211> 135

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2650265

<400> 106

Met	Ala	Arg	Phe	Trp	Val	Cys	Val	Ala	Gly	Ala	Gly	Phe	Phe	Leu
1				5					10					15
Ala	Phe	Leu	Val	Leu	His	Ser	Arg	Phe	Cys	Gly	Ser	Pro	Val	Leu
			20						25					30
Arg	Asn	Phe	Thr	Phe	Ala	Val	Ser	Trp	Arg	Thr	Glu	Lys	Ile	Leu
			35						40					45
Tyr	Arg	Leu	Asp	Val	Gly	Trp	Pro	Lys	His	Pro	Glu	Tyr	Phe	Thr
			50						55					60
Gly	Thr	Thr	Phe	Cys	Val	Ala	Val	Asp	Ser	Leu	Asn	Gly	Leu	Val
			65						70					75
Tyr	Ile	Gly	Gln	Arg	Gly	Asp	Asn	Ile	Pro	Lys	Ile	Leu	Val	Phe
			80						85					90
Thr	Glu	Asp	Gly	Tyr	Phe	Leu	Arg	Ala	Trp	Asn	Tyr	Thr	Val	Asp
			95						100					105
Thr	Pro	His	Gly	Ile	Phe	Ala	Ala	Ser	Thr	Leu	Tyr	Glu	Gln	Ser
			110						115					120
Val	Trp	Ile	Thr	Asp	Val	Gly	Ser	Gly	Met	Tyr	Ser	Asn	Ile	Tyr
			125						130					135

<210> 107

<211> 301

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2677129

<400> 107

Met	Leu	Met	Ile	Ile	Ile	Ile	Glu	Pro	Phe	Ser	Val	Leu	Ile	Leu
1				5					10					15
Phe	Lys	Ser	Gly	Ile	Leu	Ala	Asp	Phe	Phe	Ala	Leu	Leu	Leu	Leu
			20						25					30
Ile	Asn	Phe	Phe	Leu	Val	Ser	Phe	Phe	Leu	Ala	Tyr	Pro	Leu	Phe
			35						40					45
Asn	Asn	Gln	Ile	Asn	Ser	Arg	Ser	Met	Asn	Glu	Ile	Lys	Asn	Leu
			50						55					60
Gln	Tyr	Leu	Pro	Arg	Thr	Ser	Glu	Pro	Arg	Glu	Val	Leu	Phe	Glu
			65						70					75
Asp	Arg	Thr	Arg	Ala	His	Ala	Asp	His	Val	Gly	Gln	Gly	Phe	Asp
			80						85					90
Trp	Gln	Ser	Thr	Ala	Ala	Val	Gly	Val	Leu	Lys	Ala	Val	Gln	Phe
			95						100					105
Gly	Glu	Trp	Ser	Asp	Gln	Pro	Arg	Ile	Thr	Lys	Asp	Val	Ile	Cys
			110						115					120
Phe	His	Ala	Glu	Asp	Phe	Thr	Asp	Val	Val	Gln	Arg	Leu	Gln	Leu
			125						130					135
Asp	Leu	His	Glu	Pro	Pro	Val	Ser	Gln	Cys	Val	Gln	Trp	Val	Asp
			140						145					150

Glu	Ala	Lys	Leu	Asn	Gln	Met	Arg	Arg	Glu	Gly	Ile	Arg	Tyr	Ala	
				155					160					165	
Arg	Ile	Gln	Leu	Cys	Asp	Asn	Asp	Ile	Tyr	Phe	Ile	Pro	Arg	Asn	
				170					175					180	
Val	Ile	His	Gln	Phe	Lys	Thr	Val	Ser	Ala	Val	Cys	Ser	Leu	Ala	
				185					190					195	
Trp	His	Ile	Arg	Leu	Lys	Gln	Tyr	His	Pro	Val	Val	Glu	Ala	Thr	
				200					205					210	
Gln	Asn	Thr	Glu	Ser	Asn	Ser	Asn	Met	Asp	Cys	Gly	Leu	Thr	Gly	
				215					220					225	
Lys	Arg	Glu	Leu	Glu	Val	Asp	Ser	Gln	Cys	Val	Arg	Ile	Lys	Thr	
				230					235					240	
Glu	Ser	Glu	Glu	Ala	Cys	Thr	Glu	Ile	Gln	Leu	Leu	Thr	Thr	Ala	
				245					250					255	
Ser	Ser	Ser	Phe	Pro	Pro	Ala	Ser	Glu	Leu	Asn	Leu	Gln	Gln	Asp	
				260					265					270	
Gln	Lys	Thr	Gln	Pro	Ile	Pro	Val	Leu	Lys	Val	Glu	Ser	Arg	Leu	
				275					280					285	
Asp	Ser	Asp	Gln	Gln	His	Asn	Leu	Gln	Glu	His	Ser	Thr	Thr	Ser	
				290					295					300	
Val															

<210> 108

<211> 103

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 3151073

<400> 108

Met	Ser	Phe	Val	Pro	Gly	Leu	Leu	Leu	Cys	Phe	Val	Leu	Leu	Leu	
1				5					10					15	
Cys	Val	Ser	Pro	Val	Tyr	Leu	Pro	Ser	Arg	Ser	Pro	Ser	Thr	Phe	
				20					25					30	
Pro	Ile	Ser	Glu	Pro	Leu	Ser	Phe	Ile	Gly	Met	Ser	Ala	Trp	Pro	
				35					40					45	
Gln	Cys	Ser	Pro	Ile	Tyr	Ser	Gln	Thr	Pro	Gly	Leu	Ala	Tyr	Glu	
				50					55					60	
Pro	Ser	Ser	Phe	Pro	Lys	Arg	Arg	Tyr	Trp	Val	Cys	Thr	Leu	His	
				65					70					75	
Glu	Ile	Lys	Trp	Glu	Cys	Pro	Arg	Ser	Arg	Arg	Thr	Ser	Asp	Ala	
				80					85					90	
Val	His	Ala	Asn	Lys	Leu	Gly	Leu	Pro	Leu	Lys	Ile	Ile			
				95					100						

<210> 109

<211> 95

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 3170095

<400> 109

Met	Lys	Phe	Leu	Leu	Leu	Val	Leu	Ala	Ala	Leu	Gly	Phe	Leu	Thr
1				5					10					15
Gln	Val	Ile	Pro	Ala	Ser	Ala	Gly	Gly	Ser	Lys	Cys	Val	Ser	Asn
				20					25					30
Thr	Pro	Gly	Tyr	Cys	Arg	Thr	Cys	Cys	His	Trp	Gly	Glu	Thr	Ala
				35					40					45
Leu	Phe	Met	Cys	Asn	Ala	Ser	Arg	Lys	Cys	Cys	Ile	Ser	Tyr	Ser
				50					55					60
Phe	Leu	Pro	Lys	Pro	Asp	Leu	Pro	Gln	Leu	Ile	Gly	Asn	His	Trp
				65					70					75
Gln	Ser	Arg	Arg	Arg	Asn	Thr	Gln	Arg	Lys	Asp	Lys	Lys	Gln	Gln
				80					85					90
Thr	Thr	Val	Thr	Ser										
				95										

<210> 110

<211> 113

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 3475168

<400> 110

Met	Ser	Pro	Ser	Pro	Arg	Trp	Gly	Phe	Leu	Cys	Val	Leu	Phe	Thr
1				5					10					15
Ala	Val	His	Pro	Ala	Pro	Ser	Thr	Ala	Pro	Val	Gln	Asp	Lys	Cys
				20					25					30
Pro	Val	Asn	Thr	Trp	Glu	Ala	Met	Gln	Ala	Ser	Ser	Gln	Gln	Leu
				35					40					45
Leu	Gln	Thr	Asp	Pro	Arg	Pro	Lys	Pro	Phe	Leu	Leu	Pro	Pro	Leu
				50					55					60
Pro	Pro	Leu	Leu	Leu	Ile	Ser	Ala	Gly	Thr	Glu	Val	Ser	Ser	Leu
				65					70					75
Val	Phe	Gln	Lys	Ser	Pro	Leu	His	Thr	Gln	Pro	Glu	Gly	Ala	Ile
				80					85					90
Lys	Thr	Ala	Gly	Gln	Pro	Thr	Ser	Val	His	Ser	Lys	Val	Leu	Ser
				95					100					105
Lys	Gly	Ser	Leu	Leu	Leu	Gly	Glu							
				110										

<210> 111

<211> 234

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 3836893

<400> 111

```

Met Arg Lys Thr Arg Leu Trp Gly Leu Leu Trp Met Leu Phe Val
  1           5           10           15
Ser Glu Leu Arg Ala Ala Thr Lys Leu Thr Glu Glu Lys Tyr Glu
          20          25          30
Leu Lys Glu Gly Gln Thr Leu Asp Val Lys Cys Asp Tyr Thr Leu
          35          40          45
Glu Lys Phe Ala Ser Ser Gln Lys Ala Trp Gln Ile Ile Arg Asp
          50          55          60
Gly Glu Met Pro Lys Thr Leu Ala Cys Thr Glu Arg Pro Ser Lys
          65          70          75
Asn Ser His Pro Val Gln Val Gly Arg Ile Ile Leu Glu Asp Tyr
          80          85          90
His Asp His Gly Leu Leu Arg Val Arg Met Val Asn Leu Gln Val
          95         100         105
Glu Asp Ser Gly Leu Tyr Gln Cys Val Ile Tyr Gln Pro Pro Lys
         110         115         120
Glu Pro His Met Leu Phe Asp Arg Ile Arg Leu Val Val Thr Lys
         125         130         135
Gly Phe Ser Gly Thr Pro Gly Ser Asn Glu Asn Ser Thr Gln Asn
         140         145         150
Val Tyr Lys Ile Pro Pro Thr Thr Thr Lys Ala Leu Cys Pro Leu
         155         160         165
Tyr Thr Ser Pro Arg Thr Val Thr Gln Ala Pro Pro Lys Ser Thr
         170         175         180
Ala Asp Val Ser Thr Pro Asp Ser Glu Ile Asn Leu Thr Asn Val
         185         190         195
Thr Asp Ile Ile Arg Val Pro Val Phe Asn Ile Val Ile Leu Leu
         200         205         210
Ala Gly Gly Phe Leu Ser Lys Ser Leu Val Phe Ser Val Leu Phe
         215         220         225
Ala Val Thr Leu Arg Ser Phe Val Pro
         230

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<210> 112

<211> 119

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 4072159

<400> 112

```

Met Val Leu Pro Leu Pro Trp Leu Ser Arg Tyr His Phe Leu Arg
  1           5           10           15
Leu Leu Leu Pro Ser Trp Ser Leu Ala Pro Gln Gly Ser His Gly
          20          25          30
Cys Cys Ser Gln Asn Pro Lys Ala Ser Met Glu Glu Gln Thr Asn
          35          40          45

```

Ser	Arg	Gly	Asn	Gly	Lys	Met	Thr	Ser	Pro	Pro	Arg	Gly	Pro	Gly
				50					55					60
Thr	His	Arg	Thr	Ala	Glu	Leu	Ala	Arg	Ala	Glu	Glu	Leu	Leu	Glu
				65					70					75
Gln	Gln	Leu	Glu	Leu	Tyr	Gln	Ala	Leu	Leu	Glu	Gly	Gln	Glu	Gly
				80					85					90
Ala	Trp	Glu	Ala	Gln	Ala	Leu	Val	Leu	Lys	Ile	Gln	Lys	Leu	Lys
				95					100					105
Glu	Gln	Met	Arg	Arg	His	Gln	Glu	Ser	Leu	Gly	Gly	Gly	Ala	
				110					115					

<210> 113

<211> 200

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1003916

<400> 113

Met	Ala	Ser	Ser	Leu	Thr	Cys	Thr	Gly	Val	Ile	Trp	Ala	Leu	Leu
1				5					10					15
Ser	Phe	Leu	Cys	Ala	Ala	Thr	Ser	Cys	Val	Gly	Phe	Phe	Met	Pro
				20					25					30
Tyr	Trp	Leu	Trp	Gly	Ser	Gln	Leu	Gly	Lys	Pro	Val	Ser	Phe	Gly
				35					40					45
Thr	Phe	Arg	Arg	Cys	Ser	Tyr	Pro	Val	His	Asp	Glu	Ser	Arg	Gln
				50					55					60
Met	Met	Val	Met	Val	Glu	Glu	Cys	Gly	Arg	Tyr	Ala	Ser	Phe	Gln
				65					70					75
Gly	Ile	Pro	Ser	Ala	Glu	Trp	Arg	Ile	Cys	Thr	Ile	Val	Thr	Gly
				80					85					90
Leu	Gly	Cys	Gly	Leu	Leu	Leu	Leu	Val	Ala	Leu	Thr	Ala	Leu	Met
				95					100					105
Gly	Cys	Cys	Val	Ser	Asp	Leu	Ile	Ser	Arg	Thr	Val	Gly	Arg	Val
				110					115					120
Ala	Gly	Gly	Ile	Gln	Phe	Leu	Gly	Gly	Leu	Leu	Ile	Gly	Ala	Gly
				125					130					135
Cys	Ala	Leu	Tyr	Pro	Leu	Gly	Trp	Asp	Ser	Glu	Glu	Val	Arg	Gln
				140					145					150
Thr	Cys	Gly	Tyr	Thr	Ser	Gly	Gln	Phe	Asp	Leu	Gly	Lys	Cys	Glu
				155					160					165
Ile	Gly	Trp	Ala	Tyr	Tyr	Cys	Thr	Gly	Ala	Gly	Ala	Thr	Ala	Ala
				170					175					180
Met	Leu	Leu	Cys	Thr	Trp	Leu	Ala	Cys	Phe	Ser	Gly	Lys	Lys	Gln
				185					190					195
Lys	His	Tyr	Pro	Tyr										
				200										

<210> 114

<211> 225

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2093492

<400> 114

```

Met Gly Phe Arg Leu Glu Gly Ile Phe Pro Ala Ala Leu Leu Pro
 1           5           10           15
Leu Leu Leu Thr Met Ile Leu Phe Leu Gly Pro Leu Met Gln Leu
 20           25           30
Ser Met Asp Cys Pro Cys Asp Leu Ala Asp Gly Leu Lys Val Val
 35           40           45
Leu Ala Pro Arg Ser Trp Ala Arg Cys Leu Thr Asp Met Arg Trp
 50           55           60
Leu Arg Asn Gln Val Ile Ala Pro Leu Thr Glu Glu Leu Val Phe
 65           70           75
Arg Ala Cys Met Leu Pro Met Leu Ala Pro Cys Met Gly Leu Gly
 80           85           90
Pro Ala Val Phe Thr Cys Pro Leu Phe Phe Gly Val Ala His Phe
 95          100          105
His His Ile Ile Glu Gln Leu Arg Phe Arg Gln Ser Ser Val Gly
110          115          120
Asn Ile Phe Leu Ser Ala Ala Phe Gln Phe Ser Tyr Thr Ala Val
125          130          135
Phe Gly Ala Tyr Thr Ala Phe Leu Phe Ile Arg Thr Gly His Leu
140          145          150
Ile Gly Pro Val Leu Cys His Ser Phe Cys Asn Tyr Met Gly Phe
155          160          165
Pro Ala Val Cys Ala Ala Leu Glu His Pro Gln Arg Arg Pro Leu
170          175          180
Leu Ala Gly Tyr Ala Leu Gly Val Gly Leu Phe Leu Leu Leu Leu
185          190          195
Gln Pro Leu Thr Asp Pro Lys Leu Tyr Gly Ser Leu Pro Leu Cys
200          205          210
Val Leu Leu Glu Arg Ala Gly Asp Ser Glu Ala Pro Leu Cys Ser
215          220          225

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<210> 115

<211> 155

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2108789

<400> 115

```

Met Ser Gly Leu Leu Ile Pro Pro Leu Pro Gly Trp Val Leu Gly
 1           5           10           15
Pro Leu Met Trp Ala Cys Arg Pro Pro Gln Asp Glu Pro Ser Gly
 20           25           30

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Thr Asp Pro Pro Pro Pro Arg Leu Gln Pro His His Val Ser Gly
      35                      40                      45
Leu Gly Leu Gly Gln Ala Trp Ala Gln Ser Trp Ala Pro Arg Gly
      50                      55                      60
Ser Pro Pro Leu Thr Trp Leu Leu Pro Thr Leu Pro Leu Lys Asp
      65                      70                      75
Gly Pro Ala Ala Arg Leu Pro Pro Pro Pro His Thr Thr Leu Gly
      80                      85                      90
Gly Leu Ser His Pro Pro Gln Pro Arg Ser Ala Gln Thr Asp Pro
      95                      100                     105
His Ser Ile Pro Arg Pro Ala Ala Gln Val Arg Gly Pro Val Leu
     110                      115                     120
Pro Gly Ala Trp Ala Thr Pro Tyr Ala Ile Ser Ser Glu Gln Pro
     125                      130                     135
Gly Pro Thr Asp Pro His Ala Leu Ser Tyr Val Pro Phe Ser Pro
     140                      145                     150
Asp Phe Phe Cys Thr
     155

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<210> 116

<211> 468

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2171401

<400> 116

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Met Gly Arg Gly Trp Gly Phe Leu Phe Gly Leu Leu Gly Ala Val
  1      5      10      15
Trp Leu Leu Ser Ser Gly His Gly Glu Glu Gln Pro Pro Glu Thr
      20      25      30
Ala Ala Gln Arg Cys Phe Cys Gln Val Ser Gly Tyr Leu Asp Asp
      35      40      45
Cys Thr Cys Asp Val Glu Thr Ile Asp Arg Phe Asn Asn Tyr Arg
      50      55      60
Leu Phe Pro Arg Leu Gln Lys Leu Leu Glu Ser Asp Tyr Phe Arg
      65      70      75
Tyr Tyr Lys Val Asn Leu Lys Arg Pro Cys Pro Phe Trp Asn Asp
      80      85      90
Ile Ser Gln Cys Gly Arg Arg Asp Cys Ala Val Lys Pro Cys Gln
      95     100     105
Ser Asp Glu Val Pro Asp Gly Ile Lys Ser Ala Ser Tyr Lys Tyr
     110     115     120
Ser Glu Glu Ala Asn Asn Leu Ile Glu Glu Cys Glu Gln Ala Glu
     125     130     135
Arg Leu Gly Ala Val Asp Glu Ser Leu Ser Glu Glu Thr Gln Lys
     140     145     150
Ala Val Leu Gln Trp Thr Lys His Asp Asp Ser Ser Asp Asn Phe
     155     160     165
Cys Glu Ala Asp Asp Ile Gln Ser Pro Glu Ala Glu Tyr Val Asp
     170     175     180
Leu Leu Leu Asn Pro Glu Arg Tyr Thr Gly Tyr Lys Gly Pro Asp

```

	185	190	195
Ala Trp Lys Ile Trp Asn Val Ile Tyr Glu Glu Asn Cys Phe Lys			
	200	205	210
Pro Gln Thr Ile Lys Arg Pro Leu Asn Pro Leu Ala Ser Gly Gln			
	215	220	225
Gly Thr Ser Glu Glu Asn Thr Phe Tyr Ser Trp Leu Glu Gly Leu			
	230	235	240
Cys Val Glu Lys Arg Ala Phe Tyr Arg Leu Ile Ser Gly Leu His			
	245	250	255
Ala Ser Ile Asn Val His Leu Ser Ala Arg Tyr Leu Leu Gln Glu			
	260	265	270
Thr Trp Leu Glu Lys Lys Trp Gly His Asn Ile Thr Glu Phe Gln			
	275	280	285
Gln Arg Phe Asp Gly Ile Leu Thr Glu Gly Glu Gly Pro Arg Arg			
	290	295	300
Leu Lys Asn Leu Tyr Phe Leu Tyr Leu Ile Glu Leu Arg Ala Leu			
	305	310	315
Ser Lys Val Leu Pro Phe Phe Glu Arg Pro Asp Phe Gln Leu Phe			
	320	325	330
Thr Gly Asn Lys Ile Gln Asp Glu Glu Asn Lys Met Leu Leu Leu			
	335	340	345
Glu Ile Leu His Glu Ile Lys Ser Phe Pro Leu His Phe Asp Glu			
	350	355	360
Asn Ser Phe Phe Ala Gly Asp Lys Lys Glu Ala His Lys Leu Lys			
	365	370	375
Glu Asp Phe Arg Leu His Phe Arg Asn Ile Ser Arg Ile Met Asp			
	380	385	390
Cys Val Gly Cys Phe Lys Cys Arg Leu Trp Gly Lys Leu Gln Thr			
	395	400	405
Gln Gly Leu Gly Thr Ala Leu Lys Ile Leu Phe Ser Glu Lys Leu			
	410	415	420
Ile Ala Asn Met Pro Glu Ser Gly Pro Ser Tyr Glu Phe His Leu			
	425	430	435
Thr Arg Gln Glu Ile Val Ser Leu Phe Asn Ala Phe Gly Arg Ile			
	440	445	450
Ser Thr Ser Val Lys Glu Leu Glu Asn Phe Arg Asn Leu Leu Gln			
	455	460	465
Asn Ile His			

<210> 117

<211> 403

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2212530

<400> 117

Met Ser Thr Ser Thr Ser Pro Ala Ala Met Leu Leu Arg Arg Leu			
1	5	10	15
Arg Arg Leu Ser Trp Gly Ser Thr Ala Val Gln Leu Phe Ile Leu			
	20	25	30
Thr Val Val Thr Phe Gly Leu Leu Ala Pro Leu Ala Cys His Arg			

	35	40	45
Leu Leu His Ser Tyr Phe Tyr Leu Arg His Trp His Leu Asn Gln			
	50	55	60
Met Ser Gln Glu Phe Leu Gln Gln Ser Leu Lys Glu Gly Glu Ala			
	65	70	75
Ala Leu His Tyr Phe Glu Glu Leu Pro Ser Ala Asn Gly Ser Val			
	80	85	90
Pro Ile Val Trp Gln Ala Thr Pro Arg Pro Trp Leu Val Ile Thr			
	95	100	105
Ile Ile Thr Val Asp Arg Gln Pro Gly Phe His Tyr Val Leu Gln			
	110	115	120
Val Val Ser Gln Phe His Arg Leu Leu Gln Gln Cys Gly Pro Gln			
	125	130	135
Cys Glu Gly His Gln Leu Phe Leu Cys Asn Val Glu Arg Ser Val			
	140	145	150
Ser His Phe Asp Ala Lys Leu Leu Ser Lys Tyr Val Pro Val Ala			
	155	160	165
Asn Arg Tyr Glu Gly Thr Glu Asp Asp Tyr Gly Asp Asp Pro Ser			
	170	175	180
Thr Asn Ser Phe Glu Lys Glu Lys Gln Asp Tyr Val Tyr Cys Leu			
	185	190	195
Glu Ser Ser Leu Gln Thr Tyr Asn Pro Asp Tyr Val Leu Met Val			
	200	205	210
Glu Asp Asp Ala Val Pro Glu Glu Gln Ile Phe Pro Val Leu Glu			
	215	220	225
His Leu Leu Arg Ala Arg Phe Ser Glu Pro His Leu Arg Asp Ala			
	230	235	240
Leu Tyr Leu Lys Leu Tyr His Pro Glu Arg Leu Gln His Tyr Ile			
	245	250	255
Asn Pro Glu Pro Met Arg Ile Leu Glu Trp Val Gly Val Gly Met			
	260	265	270
Leu Leu Gly Pro Leu Leu Thr Trp Ile Tyr Met Arg Phe Ala Ser			
	275	280	285
Arg Pro Gly Phe Ser Trp Pro Val Met Leu Phe Phe Ser Leu Tyr			
	290	295	300
Ser Met Gly Leu Val Glu Leu Val Gly Arg His Tyr Phe Leu Glu			
	305	310	315
Leu Arg Arg Leu Ser Pro Ser Leu Tyr Ser Val Val Pro Ala Ser			
	320	325	330
Gln Cys Cys Thr Pro Ala Met Leu Phe Pro Ala Pro Ala Ala Arg			
	335	340	345
Arg Thr Leu Thr Tyr Leu Ser Gln Val Tyr Cys His Lys Gly Phe			
	350	355	360
Gly Lys Asp Met Ala Leu Tyr Ser Leu Leu Arg Ala Lys Gly Glu			
	365	370	375
Arg Ala Tyr Val Val Glu Pro Asn Leu Val Lys His Ile Gly Leu			
	380	385	390
Phe Ser Ser Leu Arg Tyr Asn Phe His Pro Ser Leu Leu			
	395	400	

<210> 118

<211> 131

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2253036

<400> 118

Met	Glu	Arg	Cys	Phe	His	Cys	Phe	Pro	Val	His	Leu	Val	Phe	Asn
1				5					10					15
Leu	Val	Gln	Ser	Phe	Ser	Pro	Ile	Ser	Gly	Val	Glu	Ser	Cys	Leu
				20					25					30
Leu	Pro	Gln	Cys	Asp	Lys	Cys	Trp	Pro	Met	Val	Tyr	Arg	Ser	Cys
				35					40					45
Asp	Ala	Ser	Arg	Gly	Leu	Val	Asn	Ala	Cys	Ile	Leu	Gly	Phe	Val
				50					55					60
Leu	Leu	Glu	Cys	Ser	Phe	Val	Gly	Ala	Leu	Asn	Asn	Tyr	Val	Arg
				65					70					75
Ser	Leu	Ala	Thr	Leu	Leu	Glu	Arg	Thr	His	Gly	Gly	Lys	Arg	Leu
				80					85					90
Lys	Leu	Cys	Glu	Glu	Ser	Gln	Ala	Ser	His	Pro	Ser	Phe	Ser	Ala
				95					100					105
Glu	Pro	Arg	His	Gln	Pro	Thr	Cys	Gln	Leu	Asn	Ala	Thr	Val	Arg
				110					115					120
Val	Ile	Thr	Ser	Lys	Ile	Thr	Arg	Lys	Thr	Thr				
				125					130					

<210> 119

<211> 556

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2280161

<400> 119

Met	Ala	Ala	Ala	Ala	Trp	Leu	Gln	Val	Leu	Pro	Val	Ile	Leu	Leu
1				5					10					15
Leu	Leu	Gly	Ala	His	Pro	Ser	Pro	Leu	Ser	Phe	Phe	Ser	Ala	Gly
				20					25					30
Pro	Ala	Thr	Val	Ala	Ala	Ala	Asp	Arg	Ser	Lys	Trp	His	Ile	Pro
				35					40					45
Ile	Pro	Ser	Gly	Lys	Asn	Tyr	Phe	Ser	Phe	Gly	Lys	Ile	Leu	Phe
				50					55					60
Arg	Asn	Thr	Thr	Ile	Phe	Leu	Lys	Phe	Asp	Gly	Glu	Pro	Cys	Asp
				65					70					75
Leu	Ser	Leu	Asn	Ile	Thr	Trp	Tyr	Leu	Lys	Ser	Ala	Asp	Cys	Tyr
				80					85					90
Asn	Glu	Ile	Tyr	Asn	Phe	Lys	Ala	Glu	Glu	Val	Glu	Leu	Tyr	Leu
				95					100					105
Glu	Lys	Leu	Lys	Glu	Lys	Arg	Gly	Leu	Ser	Gly	Lys	Tyr	Gln	Thr
				110					115					120
Ser	Ser	Lys	Leu	Phe	Gln	Asn	Cys	Ser	Glu	Leu	Phe	Lys	Thr	Gln
				125					130					135
Thr	Phe	Ser	Gly	Asp	Phe	Met	His	Arg	Leu	Pro	Leu	Leu	Gly	Glu
				140					145					150

Lys	Gln	Glu	Ala	Lys	Glu	Asn	Gly	Thr	Asn	Leu	Thr	Phe	Ile	Gly	
				155					160					165	
Asp	Lys	Thr	Ala	Met	His	Glu	Pro	Leu	Gln	Thr	Trp	Gln	Asp	Ala	
				170					175					180	
Pro	Tyr	Ile	Phe	Ile	Val	His	Ile	Gly	Ile	Ser	Ser	Ser	Lys	Glu	
				185					190					195	
Ser	Ser	Lys	Glu	Asn	Ser	Leu	Ser	Asn	Leu	Phe	Thr	Met	Thr	Val	
				200					205					210	
Glu	Val	Lys	Gly	Pro	Tyr	Glu	Tyr	Leu	Thr	Leu	Glu	Asp	Tyr	Pro	
				215					220					225	
Leu	Met	Ile	Phe	Phe	Met	Val	Met	Cys	Ile	Val	Tyr	Val	Leu	Phe	
				230					235					240	
Gly	Val	Leu	Trp	Leu	Ala	Trp	Ser	Ala	Cys	Tyr	Trp	Arg	Asp	Leu	
				245					250					255	
Leu	Arg	Ile	Gln	Phe	Trp	Ile	Gly	Ala	Val	Ile	Phe	Leu	Gly	Met	
				260					265					270	
Leu	Glu	Lys	Ala	Val	Phe	Tyr	Ala	Glu	Phe	Gln	Asn	Ile	Arg	Tyr	
				275					280					285	
Lys	Gly	Glu	Ser	Val	Gln	Gly	Ala	Leu	Ile	Leu	Ala	Glu	Leu	Leu	
				290					295					300	
Ser	Ala	Val	Lys	Arg	Ser	Leu	Ala	Arg	Thr	Leu	Val	Ile	Ile	Val	
				305					310					315	
Ser	Leu	Gly	Tyr	Gly	Ile	Val	Lys	Pro	Arg	Leu	Gly	Val	Thr	Leu	
				320					325					330	
His	Lys	Val	Val	Val	Ala	Gly	Ala	Leu	Tyr	Leu	Leu	Phe	Ser	Gly	
				335					340					345	
Met	Glu	Gly	Val	Leu	Arg	Val	Thr	Gly	Tyr	Phe	Ser	Tyr	Pro	Leu	
				350					355					360	
Thr	Leu	Ile	Val	Asn	Leu	Ala	Leu	Ser	Ala	Val	Asp	Ala	Cys	Val	
				365					370					375	
Ile	Leu	Trp	Ile	Phe	Ile	Ser	Leu	Thr	Gln	Thr	Met	Lys	Leu	Leu	
				380					385					390	
Lys	Leu	Arg	Arg	Asn	Ile	Val	Lys	Leu	Ser	Leu	Tyr	Arg	His	Phe	
				395					400					405	
Thr	Asn	Thr	Leu	Ile	Leu	Ala	Val	Ala	Ala	Ser	Ile	Val	Phe	Ile	
				410					415					420	
Ile	Trp	Thr	Thr	Met	Lys	Phe	Arg	Ile	Val	Thr	Cys	Gln	Ser	Asp	
				425					430					435	
Trp	Arg	Glu	Leu	Trp	Val	Asp	Asp	Ala	Ile	Trp	Arg	Leu	Leu	Phe	
				440					445					450	
Ser	Met	Ile	Leu	Phe	Val	Ile	Met	Val	Leu	Trp	Arg	Pro	Ser	Ala	
				455					460					465	
Asn	Asn	Gln	Arg	Phe	Ala	Phe	Ser	Pro	Leu	Ser	Glu	Glu	Glu	Glu	
				470					475					480	
Glu	Asp	Glu	Gln	Lys	Glu	Pro	Met	Leu	Lys	Glu	Ser	Phe	Glu	Gly	
				485					490					495	
Met	Lys	Met	Arg	Ser	Thr	Lys	Gln	Glu	Pro	Asn	Gly	Asn	Ser	Lys	
				500					505					510	
Val	Asn	Lys	Ala	Gln	Glu	Asp	Asp	Leu	Lys	Trp	Val	Glu	Glu	Asn	
				515					520					525	
Val	Pro	Ser	Ser	Val	Thr	Asp	Val	Ala	Leu	Pro	Ala	Leu	Leu	Asp	
				530					535					540	
Ser	Asp	Glu	Glu	Arg	Met	Ile	Thr	His	Phe	Glu	Arg	Ser	Lys	Met	
				545					550					555	
Glu															

<210> 120

<211> 514

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2287485

<400> 120

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Met Ser Trp Pro Arg Arg Leu Leu Leu Arg Tyr Leu Phe Pro Ala
  1          5          10          15
Leu Leu Leu His Gly Leu Gly Glu Gly Ser Ala Leu Leu His Pro
  20          25          30
Asp Ser Arg Ser His Pro Arg Ser Leu Glu Lys Ser Ala Trp Arg
  35          40          45
Ala Phe Lys Glu Ser Gln Cys His His Met Leu Lys His Leu His
  50          55          60
Asn Gly Ala Arg Ile Thr Val Gln Met Pro Pro Thr Ile Glu Gly
  65          70          75
His Trp Val Ser Thr Gly Cys Glu Val Arg Ser Gly Pro Glu Phe
  80          85          90
Ile Thr Arg Ser Tyr Arg Phe Tyr His Asn Asn Thr Phe Lys Ala
  95          100         105
Tyr Gln Phe Tyr Tyr Gly Ser Asn Arg Cys Thr Asn Pro Thr Tyr
  110         115         120
Thr Leu Ile Ile Arg Gly Lys Ile Arg Leu Arg Gln Ala Ser Trp
  125         130         135
Ile Ile Arg Gly Gly Thr Glu Ala Asp Tyr Gln Leu His Asn Val
  140         145         150
Gln Val Ile Cys His Thr Glu Ala Val Ala Glu Lys Leu Gly Gln
  155         160         165
Gln Val Asn Arg Thr Cys Pro Gly Phe Leu Ala Asp Gly Gly Pro
  170         175         180
Trp Val Gln Asp Val Ala Tyr Asp Leu Trp Arg Glu Glu Asn Gly
  185         190         195
Cys Glu Cys Thr Lys Ala Val Asn Phe Ala Met His Glu Leu Gln
  200         205         210
Leu Ile Arg Val Glu Lys Gln Tyr Leu His His Asn Leu Asp His
  215         220         225
Leu Val Glu Glu Leu Phe Leu Gly Asp Ile His Thr Asp Ala Thr
  230         235         240
Gln Arg Met Phe Tyr Arg Pro Ser Ser Tyr Gln Pro Pro Leu Gln
  245         250         255
Asn Ala Lys Asn His Asp His Ala Cys Ile Ala Cys Arg Ile Ile
  260         265         270
Tyr Arg Ser Asp Glu His His Pro Pro Ile Leu Pro Pro Lys Ala
  275         280         285
Asp Leu Thr Ile Gly Leu His Gly Glu Trp Val Ser Gln Arg Cys
  290         295         300
Glu Val Arg Pro Glu Val Leu Phe Leu Thr Arg His Phe Ile Phe
  305         310         315
His Asp Asn Asn Asn Thr Trp Glu Gly His Tyr Tyr His Tyr Ser
  320         325         330
Asp Pro Val Cys Lys His Pro Thr Phe Ser Ile Tyr Ala Arg Gly
  335         340         345

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Arg Tyr Ser Arg Gly Val Leu Ser Ser Arg Val Met Gly Gly Thr
    350                                355                                360
Glu Phe Val Phe Lys Val Asn His Met Lys Val Thr Pro Met Asp
    365                                370                                375
Ala Ala Thr Ala Ser Leu Leu Asn Val Phe Asn Gly Asn Glu Cys
    380                                385                                390
Gly Ala Glu Gly Ser Trp Gln Val Gly Ile Gln Gln Asp Val Thr
    395                                400                                405
His Thr Asn Gly Cys Val Ala Leu Gly Ile Lys Leu Pro His Thr
    410                                415                                420
Glu Tyr Glu Ile Phe Lys Met Glu Gln Asp Ala Arg Gly Arg Tyr
    425                                430                                435
Leu Leu Phe Asn Gly Gln Arg Pro Ser Asp Gly Ser Ser Pro Asp
    440                                445                                450
Arg Pro Glu Lys Arg Ala Thr Ser Tyr Gln Met Pro Leu Val Gln
    455                                460                                465
Cys Ala Ser Ser Ser Pro Arg Ala Glu Asp Leu Ala Glu Asp Ser
    470                                475                                480
Gly Ser Ser Leu Tyr Gly Arg Ala Pro Gly Arg His Thr Trp Ser
    485                                490                                495
Leu Leu Leu Ala Ala Leu Ala Cys Leu Val Pro Leu Leu His Trp
    500                                505                                510
Asn Ile Arg Arg

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<210> 121
<211> 109
<212> PRT
<213> Homo sapiens

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<220>
<221> misc_feature
<223> Incyte Clone No: 2380344

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<400> 121
Met Leu Trp Trp Leu Val Leu Leu Leu Leu Pro Thr Leu Lys Ser
  1          5          10          15
Val Phe Cys Ser Leu Val Thr Ser Leu Tyr Leu Pro Asn Thr Glu
    20          25          30
Asp Leu Ser Leu Trp Leu Trp Pro Lys Pro Asp Leu His Ser Gly
    35          40          45
Thr Arg Thr Glu Val Ser Thr His Thr Val Pro Ser Lys Pro Gly
    50          55          60
Thr Ala Ser Pro Cys Trp Pro Leu Ala Gly Ala Val Pro Ser Pro
    65          70          75
Thr Val Ser Arg Leu Glu Ala Leu Thr Arg Ala Val Gln Val Ala
    80          85          90
Glu Pro Leu Gly Ser Cys Gly Phe Gln Gly Gly Pro Cys Pro Gly
    95         100         105
Arg Arg Arg Asp

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<210> 122

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<211> 431

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2383171

<400> 122

Met	Ser	Trp	Val	Gln	Ala	Thr	Leu	Leu	Ala	Arg	Gly	Leu	Cys	Arg	
1				5					10					15	
Ala	Trp	Gly	Gly	Thr	Cys	Gly	Ala	Ala	Leu	Thr	Gly	Thr	Ser	Ile	
				20					25					30	
Ser	Gln	Val	Pro	Arg	Arg	Leu	Pro	Arg	Gly	Leu	His	Cys	Ser	Ala	
				35					40					45	
Ala	Ala	His	Ser	Ser	Glu	Gln	Ser	Leu	Val	Pro	Ser	Pro	Pro	Glu	
				50					55					60	
Pro	Arg	Gln	Arg	Pro	Thr	Lys	Ala	Leu	Val	Pro	Phe	Glu	Asp	Leu	
				65					70					75	
Phe	Gly	Gln	Ala	Pro	Gly	Gly	Glu	Arg	Asp	Lys	Ala	Ser	Phe	Leu	
				80					85					90	
Gln	Thr	Val	Gln	Lys	Phe	Ala	Glu	His	Ser	Val	Arg	Lys	Arg	Gly	
				95					100					105	
His	Ile	Asp	Phe	Ile	Tyr	Leu	Ala	Leu	Arg	Lys	Met	Arg	Glu	Tyr	
				110					115					120	
Gly	Val	Glu	Arg	Asp	Leu	Ala	Val	Tyr	Asn	Gln	Leu	Leu	Asn	Ile	
				125					130					135	
Phe	Pro	Lys	Glu	Val	Phe	Arg	Pro	Arg	Asn	Ile	Ile	Gln	Arg	Ile	
				140					145					150	
Phe	Val	His	Tyr	Pro	Arg	Gln	Gln	Glu	Cys	Gly	Ile	Ala	Val	Leu	
				155					160					165	
Glu	Gln	Met	Glu	Asn	His	Gly	Val	Met	Pro	Asn	Lys	Glu	Thr	Glu	
				170					175					180	
Phe	Leu	Leu	Ile	Gln	Ile	Phe	Gly	Arg	Lys	Ser	Tyr	Pro	Met	Leu	
				185					190					195	
Lys	Leu	Val	Arg	Leu	Lys	Leu	Trp	Phe	Pro	Arg	Phe	Met	Asn	Val	
				200					205					210	
Asn	Pro	Phe	Pro	Val	Pro	Arg	Asp	Leu	Pro	Gln	Asp	Pro	Val	Glu	
				215					220					225	
Leu	Ala	Met	Phe	Gly	Leu	Arg	His	Met	Glu	Pro	Asp	Leu	Ser	Ala	
				230					235					240	
Arg	Val	Thr	Ile	Tyr	Gln	Val	Pro	Leu	Pro	Lys	Asp	Ser	Thr	Gly	
				245					250					255	
Ala	Ala	Asp	Pro	Pro	Gln	Pro	His	Ile	Val	Gly	Ile	Gln	Ser	Pro	
				260					265					270	
Asp	Gln	Gln	Ala	Ala	Leu	Ala	Arg	His	Asn	Pro	Ala	Arg	Pro	Val	
				275					280					285	
Phe	Val	Glu	Gly	Pro	Phe	Ser	Leu	Trp	Leu	Arg	Asn	Lys	Cys	Val	
				290					295					300	
Tyr	Tyr	His	Ile	Leu	Arg	Ala	Asp	Leu	Leu	Pro	Pro	Glu	Glu	Arg	
				305					310					315	
Glu	Val	Glu	Glu	Thr	Pro	Glu	Glu	Trp	Asn	Leu	Tyr	Tyr	Pro	Met	
				320					325					330	
Gln	Leu	Asp	Leu	Glu	Tyr	Val	Arg	Ser	Gly	Trp	Asp	Asn	Tyr	Glu	
				335					340					345	
Phe	Asp	Ile	Asn	Glu	Val	Glu	Glu	Gly	Pro	Val	Phe	Ala	Met	Cys	
				350					355					360	

Met	Ala	Gly	Ala	His	Asp	Gln	Ala	Thr	Met	Ala	Lys	Trp	Ile	Gln	
				365					370					375	
Gly	Leu	Gln	Glu	Thr	Asn	Pro	Thr	Leu	Ala	Gln	Ile	Pro	Val	Val	
				380					385					390	
Phe	Arg	Leu	Ala	Gly	Ser	Thr	Arg	Glu	Leu	Gln	Thr	Ser	Ser	Ala	
				395					400					405	
Gly	Leu	Glu	Glu	Pro	Pro	Leu	Pro	Glu	Asp	His	Gln	Glu	Glu	Asp	
				410					415					420	
Asp	Asn	Leu	Gln	Arg	Gln	Gln	Gln	Gly	Gln	Ser					
				425					430						

<210> 123

<211> 142

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2396046

<400> 123

Met	Leu	Leu	Gly	Val	Arg	Ala	Val	Pro	Leu	Cys	Ser	Ala	Trp	Gln	
1				5					10					15	
Gly	Ala	Val	Gly	Leu	Val	Ser	Leu	Ala	Ile	Ser	Ile	Cys	Lys	His	
				20					25					30	
Gly	Leu	Ser	Ser	Gln	Asn	Leu	Val	Pro	Gly	Lys	Ser	Asn	Val		
				35					40					45	
Pro	Lys	Ala	Ser	Asp	Met	Pro	Arg	Cys	Pro	Pro	Val	Phe	Gln	Ser	
				50					55					60	
Pro	Asn	Leu	Thr	Pro	Phe	Pro	His	His	Thr	Lys	His	Thr	Ser	Gln	
				65					70					75	
Gly	Ser	His	Leu	Gly	Val	Pro	Pro	Pro	Ala	Pro	Met	Pro	Trp	Cys	
				80					85					90	
Pro	Gln	Ala	Gln	Gly	Phe	Gly	Leu	Ser	Cys	Gln	Ser	Leu	Asp	Ala	
				95					100					105	
Phe	Glu	Gly	Gln	Leu	Gly	Cys	Gly	Trp	Gly	Val	Gln	Ala	Ala	Gly	
				110					115					120	
Glu	Pro	Arg	Leu	Arg	Ile	Ile	His	Thr	Leu	Leu	Phe	Gly	Ala	Phe	
				125					130					135	
Val	Glu	Val	Ser	Arg	Ile	Pro									
				140											

<210> 124

<211> 643

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2456587

<400> 124

Met	Glu	Cys	Cys	Arg	Arg	Ala	Thr	Pro	Gly	Thr	Leu	Leu	Leu	Phe	1	5	10	15
Leu	Ala	Phe	Leu	Leu	Leu	Ser	Ser	Arg	Thr	Ala	Arg	Ser	Glu	Glu	20	25	30	
Asp	Arg	Asp	Gly	Leu	Trp	Asp	Ala	Trp	Gly	Pro	Trp	Ser	Glu	Cys	35	40	45	
Ser	Arg	Thr	Cys	Gly	Gly	Gly	Ala	Ser	Tyr	Ser	Leu	Arg	Arg	Cys	50	55	60	
Leu	Ser	Ser	Lys	Ser	Cys	Glu	Gly	Arg	Asn	Ile	Arg	Tyr	Arg	Thr	65	70	75	
Cys	Ser	Asn	Val	Asp	Cys	Pro	Pro	Glu	Ala	Gly	Asp	Phe	Arg	Ala	80	85	90	
Gln	Gln	Cys	Ser	Ala	His	Asn	Asp	Val	Lys	His	His	Gly	Gln	Phe	95	100	105	
Tyr	Glu	Trp	Leu	Pro	Val	Ser	Asn	Asp	Pro	Asp	Asn	Pro	Cys	Ser	110	115	120	
Leu	Lys	Cys	Gln	Ala	Lys	Gly	Thr	Thr	Leu	Val	Val	Glu	Leu	Ala	125	130	135	
Pro	Lys	Val	Leu	Asp	Gly	Thr	Arg	Cys	Tyr	Thr	Glu	Ser	Leu	Asp	140	145	150	
Met	Cys	Ile	Ser	Gly	Leu	Cys	Gln	Ile	Val	Gly	Cys	Asp	His	Gln	155	160	165	
Leu	Gly	Ser	Thr	Val	Lys	Glu	Asp	Asn	Cys	Gly	Val	Cys	Asn	Gly	170	175	180	
Asp	Gly	Ser	Thr	Cys	Arg	Leu	Val	Arg	Gly	Gln	Tyr	Lys	Ser	Gln	185	190	195	
Leu	Ser	Ala	Thr	Lys	Ser	Asp	Asp	Thr	Val	Val	Ala	Ile	Pro	Tyr	200	205	210	
Gly	Ser	Arg	His	Ile	Arg	Leu	Val	Leu	Lys	Gly	Pro	Asp	His	Leu	215	220	225	
Tyr	Leu	Glu	Thr	Lys	Thr	Leu	Gln	Gly	Thr	Lys	Gly	Glu	Asn	Ser	230	235	240	
Leu	Ser	Ser	Thr	Gly	Thr	Phe	Leu	Val	Asp	Asn	Ser	Ser	Val	Asp	245	250	255	
Phe	Gln	Lys	Phe	Pro	Asp	Lys	Glu	Ile	Leu	Arg	Met	Ala	Gly	Pro	260	265	270	
Leu	Thr	Ala	Asp	Phe	Ile	Val	Lys	Ile	Arg	Asn	Ser	Gly	Ser	Ala	275	280	285	
Asp	Ser	Thr	Val	Gln	Phe	Ile	Phe	Tyr	Gln	Pro	Ile	Ile	His	Arg	290	295	300	
Trp	Arg	Glu	Thr	Asp	Phe	Phe	Pro	Cys	Ser	Ala	Thr	Cys	Gly	Gly	305	310	315	
Gly	Tyr	Gln	Leu	Thr	Ser	Ala	Glu	Cys	Tyr	Asp	Leu	Arg	Ser	Asn	320	325	330	
Arg	Val	Val	Ala	Asp	Gln	Tyr	Cys	His	Tyr	Tyr	Pro	Glu	Asn	Ile	335	340	345	
Lys	Pro	Lys	Pro	Lys	Leu	Gln	Glu	Cys	Asn	Leu	Asp	Pro	Cys	Pro	350	355	360	
Ala	Ser	Asp	Gly	Tyr	Lys	Gln	Ile	Met	Pro	Tyr	Asp	Leu	Tyr	His	365	370	375	
Pro	Leu	Pro	Arg	Trp	Glu	Ala	Thr	Pro	Trp	Thr	Ala	Cys	Ser	Ser	380	385	390	
Ser	Cys	Gly	Gly	Gly	Ile	Gln	Ser	Arg	Ala	Val	Ser	Cys	Val	Glu	395	400	405	
Glu	Asp	Ile	Gln	Gly	His	Val	Thr	Ser	Val	Glu	Glu	Trp	Lys	Cys	410	415	420	

Met Tyr Thr Pro Lys Met Pro Ile Ala Gln Pro Cys Asn Ile Phe		
	425	430 435
Asp Cys Pro Lys Trp Leu Ala Gln Glu Trp Ser Pro Cys Thr Val		
	440	445 450
Thr Cys Gly Gln Gly Leu Arg Tyr Arg Val Val Leu Cys Ile Asp		
	455	460 465
His Arg Gly Met His Thr Gly Gly Cys Ser Pro Lys Thr Lys Pro		
	470	475 480
His Ile Lys Glu Glu Cys Ile Val Pro Thr Pro Cys Tyr Lys Pro		
	485	490 495
Lys Glu Lys Leu Pro Val Glu Ala Lys Leu Pro Trp Phe Lys Gln		
	500	505 510
Ala Gln Glu Leu Glu Glu Gly Ala Ala Val Ser Glu Glu Pro Ser		
	515	520 525
Phe Ile Pro Glu Ala Trp Ser Ala Cys Thr Val Thr Cys Gly Val		
	530	535 540
Gly Thr Gln Val Arg Ile Val Arg Cys Gln Val Leu Leu Ser Phe		
	545	550 555
Ser Gln Ser Val Ala Asp Leu Pro Ile Asp Glu Cys Glu Gly Pro		
	560	565 570
Lys Pro Ala Ser Gln Arg Ala Cys Tyr Ala Gly Pro Cys Ser Gly		
	575	580 585
Glu Ile Pro Glu Phe Asn Pro Asp Glu Thr Asp Gly Leu Phe Gly		
	590	595 600
Gly Leu Gln Asp Phe Asp Glu Leu Tyr Asp Trp Glu Tyr Glu Gly		
	605	610 615
Phe Thr Lys Cys Ser Glu Ser Cys Gly Gly Gly Val Gln Glu Ala		
	620	625 630
Val Val Ser Cys Leu Asn Lys Gln Thr Arg Glu Pro Cys		
	635	640

<210> 125

<211> 568

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2484813

<400> 125

Met Val Leu Leu His Trp Cys Leu Leu Trp Leu Leu Phe Pro Leu		
1	5	10 15
Ser Ser Arg Thr Gln Lys Leu Pro Thr Arg Asp Glu Glu Leu Phe		
	20	25 30
Gln Met Gln Ile Arg Asp Lys Ala Phe Phe His Asp Ser Ser Val		
	35	40 45
Ile Pro Asp Gly Ala Glu Ile Ser Ser Tyr Leu Phe Arg Asp Thr		
	50	55 60
Pro Lys Arg Tyr Phe Phe Val Val Glu Glu Asp Asn Thr Pro Leu		
	65	70 75
Ser Val Thr Val Thr Pro Cys Asp Ala Pro Leu Glu Trp Lys Leu		
	80	85 90
Ser Leu Gln Glu Leu Pro Glu Asp Arg Ser Gly Glu Gly Ser Gly		

	95	100	105
Asp Leu Glu Pro	Leu Glu Gln Gln Lys	Gln Gln Ile Ile Asn	Glu
	110	115	120
Glu Gly Thr Glu	Leu Phe Ser Tyr Lys	Gly Asn Asp Val Glu	Tyr
	125	130	135
Phe Ile Ser Ser	Ser Ser Pro Ser Gly	Leu Tyr Gln Leu Asp	Leu
	140	145	150
Leu Ser Thr Glu	Lys Asp Thr His Phe	Lys Val Tyr Ala Thr	Thr
	155	160	165
Thr Pro Glu Ser	Asp Gln Pro Tyr Pro	Glu Leu Pro Tyr Asp	Pro
	170	175	180
Arg Val Asp Val	Thr Ser Leu Gly Arg	Thr Thr Val Thr Leu	Ala
	185	190	195
Trp Lys Pro Ser	Pro Thr Ala Ser Leu	Leu Lys Gln Pro Ile	Gln
	200	205	210
Tyr Cys Val Val	Ile Asn Lys Glu His	Asn Phe Lys Ser Leu	Cys
	215	220	225
Ala Val Glu Ala	Lys Leu Ser Ala Asp	Asp Ala Phe Met Met	Ala
	230	235	240
Pro Lys Pro Gly	Leu Asp Phe Ser Pro	Phe Asp Phe Ala His	Phe
	245	250	255
Gly Phe Pro Ser	Asp Asn Ser Gly Lys	Glu Arg Ser Phe Gln	Ala
	260	265	270
Lys Pro Ser Pro	Lys Leu Gly Arg His	Val Tyr Ser Arg Pro	Lys
	275	280	285
Val Asp Ile Gln	Lys Ile Cys Ile Gly	Asn Lys Asn Ile Phe	Thr
	290	295	300
Val Ser Asp Leu	Lys Pro Asp Thr Gln	Tyr Tyr Phe Asp Val	Phe
	305	310	315
Val Val Asn Ile	Asn Ser Asn Met Ser	Thr Ala Tyr Val Gly	Thr
	320	325	330
Phe Ala Arg Thr	Lys Glu Glu Ala Lys	Gln Lys Thr Val Glu	Leu
	335	340	345
Lys Asp Gly Lys	Ile Thr Asp Val Phe	Val Lys Arg Lys Gly	Ala
	350	355	360
Lys Phe Leu Arg	Phe Ala Pro Val Ser	Ser His Gln Lys Val	Thr
	365	370	375
Phe Phe Ile His	Ser Cys Leu Asp Ala	Val Gln Ile Gln Val	Arg
	380	385	390
Arg Asp Gly Lys	Leu Leu Leu Ser Gln	Asn Val Glu Gly Ile	Gln
	395	400	405
Gln Phe Gln Leu	Arg Gly Lys Pro Lys	Ala Lys Tyr Leu Val	Arg
	410	415	420
Leu Lys Gly Asn	Lys Lys Gly Ala Ser	Met Leu Lys Ile Leu	Ala
	425	430	435
Thr Thr Arg Pro	Thr Lys Gln Ser Phe	Pro Ser Leu Pro Glu	Asp
	440	445	450
Thr Arg Ile Lys	Ala Phe Asp Lys Leu	Arg Thr Cys Ser Ser	Ala
	455	460	465
Thr Val Ala Trp	Leu Gly Thr Gln Glu	Arg Asn Lys Phe Cys	Ile
	470	475	480
Tyr Lys Lys Glu	Val Asp Asp Asn Tyr	Asn Glu Asp Gln Lys	Lys
	485	490	495
Arg Glu Gln Asn	Gln Cys Leu Gly Pro	Asp Ile Arg Lys Lys	Ser
	500	505	510
Glu Lys Val Leu	Cys Lys Tyr Phe His	Ser Gln Asn Leu Gln	Lys
	515	520	525

Ala Val Thr Thr Glu Thr Ile Lys Gly Leu Gln Pro Gly Lys Ser
 530 535 540
 Tyr Leu Leu Asp Val Tyr Val Ile Gly His Gly Gly His Ser Val
 545 550 555
 Lys Tyr Gln Ser Lys Val Val Lys Thr Arg Lys Phe Cys
 560 565

<210> 126
 <211> 125
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2493851

<400> 126
 Met Trp Leu Val Gly Pro Ser Phe Leu Ser Cys Pro Leu Gly Lys
 1 5 10 15
 Val Pro Pro Ala Gly Leu Leu Leu Ala Gly Ser Ser Gly Arg Gly
 20 25 30
 Ala Arg Arg Pro Ala Thr Pro Arg His Trp Ser Ser Thr Thr Pro
 35 40 45
 Gly Leu Arg Leu Glu Ala Pro Leu Cys Gln Leu Cys Pro Leu Gly
 50 55 60
 Gly Thr Arg Gln Asp Cys Gln Pro Leu Ser Trp Gln Val Thr Ser
 65 70 75
 Ala Phe Lys Leu Thr Val Pro Ser Pro Phe His Ala Pro Pro Arg
 80 85 90
 Ser Trp Ser Cys Leu Leu Leu Gly Ile Phe Pro Gly Gln Ala Leu
 95 100 105
 Ala Leu Glu Pro Trp His Leu Phe Leu Gly Ser Met Leu Pro Arg
 110 115 120
 Cys Asp Gly Glu Cys
 125

<210> 127
 <211> 196
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2495719

<400> 127
 Met Ala Ala Leu Lys Ala Leu Val Ser Gly Cys Gly Arg Leu Leu
 1 5 10 15
 Arg Gly Leu Leu Ala Gly Pro Ala Ala Thr Ser Trp Ser Arg Leu
 20 25 30
 Pro Ala Arg Gly Phe Arg Glu Val Val Glu Thr Gln Glu Gly Lys

	35	40	45
Thr Thr Ile Ile Glu Gly Arg Ile Thr Ala Thr Pro Lys Glu Ser			
	50	55	60
Pro Asn Pro Pro Asn Pro Ser Gly Gln Cys Pro Ile Cys Arg Trp			
	65	70	75
Asn Leu Lys His Lys Tyr Asn Tyr Asp Asp Val Leu Leu Leu Ser			
	80	85	90
Gln Phe Ile Arg Pro His Gly Gly Met Leu Pro Arg Lys Ile Thr			
	95	100	105
Gly Leu Cys Gln Glu Glu His Arg Lys Ile Glu Glu Cys Val Lys			
	110	115	120
Met Ala His Arg Ala Gly Leu Leu Pro Asn His Arg Pro Arg Leu			
	125	130	135
Pro Glu Gly Val Val Pro Lys Ser Lys Pro Gln Leu Asn Arg Tyr			
	140	145	150
Leu Thr Arg Trp Ala Pro Gly Ser Val Lys Pro Ile Tyr Lys Lys			
	155	160	165
Gly Pro Arg Trp Asn Arg Val Arg Met Pro Val Gly Ser Pro Leu			
	170	175	180
Leu Arg Asp Asn Val Cys Tyr Ser Arg Thr Pro Trp Lys Leu Tyr			
	185	190	195
His			

<210> 128

<211> 214

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2614153

<400> 128

Met Val Leu Gly Gly Cys Pro Val Ser Tyr Leu Leu Leu Cys Gly		
1	5	10
		15
Gln Ala Ala Leu Leu Leu Gly Asn Leu Leu Leu His Cys Val		
	20	25
		30
Ser Arg Ser His Ser Gln Asn Ala Thr Ala Glu Pro Glu Leu Thr		
	35	40
		45
Ser Ala Gly Ala Ala Gln Pro Glu Gly Pro Gly Gly Ala Ala Ser		
	50	55
		60
Trp Glu Tyr Gly Asp Pro His Ser Pro Val Ile Leu Cys Ser Tyr		
	65	70
		75
Leu Pro Asp Glu Phe Ile Glu Cys Glu Asp Pro Val Asp His Val		
	80	85
		90
Gly Asn Ala Thr Ala Ser Gln Glu Leu Gly Tyr Gly Cys Leu Lys		
	95	100
		105
Phe Gly Gly Gln Ala Tyr Ser Asp Val Glu His Thr Ser Val Gln		
	110	115
		120
Cys His Ala Leu Asp Gly Ile Glu Cys Ala Ser Pro Arg Thr Phe		
	125	130
		135
Leu Arg Glu Asn Lys Pro Cys Ile Lys Tyr Thr Gly His Tyr Phe		
	140	145
		150
Ile Thr Thr Leu Leu Tyr Ser Phe Phe Leu Gly Cys Phe Gly Val		

	155	160	165
Asp Arg Phe Cys Leu Gly His Thr Gly Thr Ala Val Gly Lys Leu			
	170	175	180
Leu Thr Leu Gly Gly Leu Gly Ile Trp Trp Phe Val Asp Leu Ile			
	185	190	195
Leu Leu Ile Thr Gly Gly Leu Met Pro Ser Asp Gly Ser Asn Trp			
	200	205	210
Cys Thr Val Tyr			

<210> 129
 <211> 88
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2655184

<400> 129
 Met Ala Cys Phe Ser Phe Phe Leu Cys Phe Leu Val His Leu Leu
 1 5 10 15
 Ile Lys Met Asn Pro Val Thr Glu Ser Pro Ser Cys Leu Phe Ser
 20 25 30
 Pro Pro Ser Glu Ser Ala Leu Ala Ser Gln Leu Ala Leu Ser Ala
 35 40 45
 Ser Cys Asp Gln Arg Ala Pro Phe Ser Leu Ala Gly Val Val Ser
 50 55 60
 His Asp Pro Gly Trp Pro Val Val Arg Leu His Arg Pro Leu Val
 65 70 75
 Pro Glu His Ala Val Phe Ser Gln Pro Ser Leu Gln Pro
 80 85

<210> 130
 <211> 260
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 2848362

<400> 130
 Met Pro Asp Pro Leu Phe Ser Ala Val Gln Gly Lys Asp Glu Ile
 1 5 10 15
 Leu His Lys Ala Leu Cys Phe Cys Pro Trp Leu Gly Lys Gly Gly
 20 25 30
 Met Glu Pro Leu Arg Leu Leu Ile Leu Leu Phe Val Thr Glu Leu
 35 40 45
 Ser Gly Ala His Asn Thr Thr Val Phe Gln Gly Val Ala Gly Gln
 50 55 60
 Ser Leu Gln Val Ser Cys Pro Tyr Asp Ser Met Lys His Trp Gly

	65	70	75
Arg Arg Lys Ala Trp Cys Arg Gln Leu Gly Glu Lys Gly Pro Cys			
	80	85	90
Gln Arg Val Val Ser Thr His Asn Leu Trp Leu Leu Ser Phe Leu			
	95	100	105
Arg Arg Trp Asn Gly Ser Thr Ala Ile Thr Asp Asp Thr Leu Gly			
	110	115	120
Gly Thr Leu Thr Ile Thr Leu Arg Asn Leu Gln Pro His Asp Ala			
	125	130	135
Gly Leu Tyr Gln Cys Gln Ser Leu His Gly Ser Glu Ala Asp Thr			
	140	145	150
Leu Arg Lys Val Leu Val Glu Val Leu Ala Asp Pro Leu Asp His			
	155	160	165
Arg Asp Ala Gly Asp Leu Trp Phe Pro Gly Glu Ser Glu Ser Phe			
	170	175	180
Glu Asp Ala His Val Glu His Ser Ile Ser Arg Ser Leu Leu Glu			
	185	190	195
Gly Glu Ile Pro Phe Pro Pro Thr Ser Ile Leu Leu Leu Leu Ala			
	200	205	210
Cys Ile Phe Leu Ile Lys Ile Leu Ala Ala Ser Ala Leu Trp Ala			
	215	220	225
Ala Ala Trp His Gly Gln Lys Pro Gly Thr His Pro Pro Ser Glu			
	230	235	240
Leu Asp Cys Gly His Asp Pro Gly Tyr Gln Leu Gln Thr Leu Pro			
	245	250	255
Gly Leu Arg Asp Thr			
	260		

<210> 131

<211> 295

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2849906

<400> 131

Met Gly Leu Pro Val Ser Trp Ala Pro Pro Ala Leu Trp Val Leu		
1	5	10
		15
Gly Cys Cys Ala Leu Leu Leu Ser Leu Trp Ala Leu Cys Thr Ala		
	20	25
		30
Cys Arg Arg Pro Glu Asp Ala Val Ala Pro Arg Lys Arg Ala Arg		
	35	40
		45
Arg Gln Arg Ala Arg Leu Gln Gly Ser Ala Thr Ala Ala Glu Ala		
	50	55
		60
Ser Leu Leu Arg Arg Thr His Leu Cys Ser Leu Ser Lys Ser Asp		
	65	70
		75
Thr Arg Leu His Glu Leu His Arg Gly Pro Arg Ser Ser Arg Ala		
	80	85
		90
Leu Arg Pro Ala Ser Met Asp Leu Leu Arg Pro His Trp Leu Glu		
	95	100
		105
Val Ser Arg Asp Ile Thr Gly Pro Gln Ala Ala Pro Ser Ala Phe		
	110	115
		120

```

Pro His Gln Glu Leu Pro Arg Ala Leu Pro Ala Ala Ala Ala Thr
      125                      130                      135
Ala Gly Cys Ala Gly Leu Glu Ala Thr Tyr Ser Asn Val Gly Leu
      140                      145                      150
Ala Ala Leu Pro Gly Val Ser Leu Ala Ala Ser Pro Val Val Ala
      155                      160                      165
Glu Tyr Ala Arg Val Gln Lys Arg Lys Gly Thr His Arg Ser Pro
      170                      175                      180
Gln Glu Pro Gln Gln Gly Lys Thr Glu Val Thr Pro Ala Ala Gln
      185                      190                      195
Val Asp Val Leu Tyr Ser Arg Val Cys Lys Pro Lys Arg Arg Asp
      200                      205                      210
Pro Gly Pro Thr Thr Asp Pro Leu Asp Pro Lys Gly Gln Gly Ala
      215                      220                      225
Ile Leu Ala Leu Ala Gly Asp Leu Ala Tyr Gln Thr Leu Pro Leu
      230                      235                      240
Arg Ala Leu Asp Val Asp Ser Gly Pro Leu Glu Asn Val Tyr Glu
      245                      250                      255
Ser Ile Arg Glu Leu Gly Asp Pro Ala Gly Arg Ser Ser Thr Cys
      260                      265                      270
Gly Ala Gly Thr Pro Pro Ala Ser Ser Cys Pro Ser Leu Gly Arg
      275                      280                      285
Gly Trp Arg Pro Leu Pro Ala Ser Leu Pro
      290                      295

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<210> 132

<211> 183

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2899137

<400> 132

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Met Ala Ala Ser Met Ala Arg Gly Gly Val Ser Ala Arg Val Leu
  1           5           10           15
Leu Gln Ala Ala Arg Gly Thr Trp Trp Asn Arg Pro Gly Gly Thr
      20           25           30
Ser Gly Ser Gly Glu Gly Val Ala Leu Gly Thr Thr Arg Lys Phe
      35           40           45
Gln Ala Thr Gly Ser Arg Pro Ala Gly Glu Glu Asp Ala Gly Gly
      50           55           60
Pro Glu Arg Pro Gly Asp Val Val Asn Val Val Phe Val Asp Arg
      65           70           75
Ser Gly Gln Arg Ile Pro Val Ser Gly Arg Val Gly Asp Asn Val
      80           85           90
Leu His Leu Ala Gln Arg His Gly Val Asp Leu Glu Gly Ala Cys
      95          100          105
Glu Ala Ser Leu Ala Cys Ser Thr Cys His Val Tyr Val Ser Glu
      110          115          120
Asp His Leu Asp Leu Leu Pro Pro Pro Glu Glu Arg Glu Asp Asp
      125          130          135
Met Leu Asp Met Ala Pro Leu Leu Gln Glu Asn Ser Arg Leu Gly

```

	140		145		150
Cys Gln Ile Val	Leu Thr Pro Glu Leu	Glu Gly Ala Glu Phe Thr			
	155		160		165
Leu Pro Lys Ile Thr Arg Asn Phe Tyr	Val Asp Gly His Val Pro				
	170		175		180
Lys Pro His					

<210> 133

<211> 113

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2986229

<400> 133

Met Trp Arg Lys Pro Asp Val Leu Tyr Ser Val Ile Pro Val Thr		
1	5	10
Ser Leu Phe Phe Leu Leu Ala Leu Asn Leu Pro Asp Val Phe Gly		15
	20	25
Leu Val Val Leu Pro Leu Glu Leu Lys Leu Arg Ile Phe Arg Leu		30
	35	40
Leu Asp Val Arg Ser Val Leu Ser Leu Ser Ala Val Cys Arg Asp		45
	50	55
Leu Phe Thr Ala Ser Asn Asp Pro Leu Leu Trp Arg Phe Leu Tyr		60
	65	70
Leu Arg Asp Phe Arg Gly Asp Phe Arg Asn Asp Ile Phe Thr Arg		75
	80	85
Lys Gly Ser Tyr Cys Leu Asp Tyr Ser Ala His Gln Lys Phe Leu		90
	95	100
Val Val Gly Phe Phe Cys Cys Lys		105
	110	

<210> 134

<211> 160

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 3222081

<400> 134

Met Gln Arg Val Ser Gly Leu Leu Ser Trp Thr Leu Ser Arg Val		
1	5	10
Leu Trp Leu Ser Gly Leu Ser Glu Pro Gly Ala Ala Arg Gln Pro		15
	20	25
Arg Ile Met Glu Glu Lys Ala Leu Glu Val Tyr Asp Leu Ile Arg		30
	35	40
Thr Ile Arg Asp Pro Glu Lys Pro Asn Thr Leu Glu Glu Leu Glu		45

	50		55		60									
Val	Val	Ser	Glu	Ser	Cys	Val	Glu	Val	Gln	Glu	Ile	Asn	Glu	Glu
	65		70		75									
Glu	Tyr	Leu	Val	Ile	Ile	Arg	Phe	Thr	Pro	Thr	Val	Pro	His	Cys
	80		85		90									
Ser	Leu	Ala	Thr	Leu	Ile	Gly	Leu	Cys	Leu	Arg	Val	Lys	Leu	Gln
	95		100		105									
Arg	Cys	Leu	Pro	Phe	Lys	His	Lys	Leu	Glu	Ile	Tyr	Ile	Ser	Glu
	110		115		120									
Gly	Thr	His	Ser	Thr	Glu	Glu	Asp	Ile	Asn	Lys	Gln	Ile	Asn	Asp
	125		130		135									
Lys	Glu	Arg	Val	Ala	Ala	Ala	Met	Glu	Asn	Pro	Asn	Leu	Arg	Glu
	140		145		150									
Ile	Val	Glu	Gln	Cys	Val	Leu	Glu	Pro	Asp					
	155		160											

<210> 135
 <211> 865
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 443531

<400> 135
 attcctcaat tttccagtct cccttgagct aagtgtggcc ctatgactca cttccagcca 60
 tgaaaacaag tgcaaatctg ttaggagtat gttctggggc aatttttgct ctectgatga 120
 agacaaaggc tggtgatcca ctgaaccac ccagacacta tgtggtttct tgaatgtcct 180
 acgtacattt tgatggatta cccaaggact atctgatgaa gaataataga gacatatataa 240
 tacatatggg ctacatcttg gcaaaataaa gtaatcctga agtaaattct aaggatgttc 300
 tgaattgaca cctcttaagc acaaccgaat gtcctgggtg ctttgccctc cactggggct 360
 ttttggtctt tgtttggccc cagcggtctg tgcagctctg tctgaattca cacaggagca 420
 acatgatggt gctcagccct cgccgaagtg tcttgctgaa gagttgggag atgcttggac 480
 tattcagata gaagccaact ggaagtacag ggcagtcaac acaaaccaga gaggcaaact 540
 tttggccagt gagacatgga aagggagaag aaatacatte ttctttctcc cctagagtga 600
 ggaccaacct gagtcccagt cacctggaat cccctcagac gagcgccct tgagatccag 660
 cacatggcag ccagcgtgct gacgattcct tctgacctac tggctccttc ttatttctgc 720
 ctccgtggaa ctgtattctc taatcaatat tagcacatac atattgcccc agactgtacc 780
 tcctgggaac ccaggataaa gcactatcta aacattttgt cttggaattg taataaactt 840
 caaaagaaaa atacaaaaaa aaaaa 865

<210> 136
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221>
 <222> 11, 12
 <223> a or g or c or t, unknown, or other
 <220>

<221> misc_feature

<223> Incyte Clone No: 632860

<400> 136

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cggaccgtgg nnttggtaaa gcccatttcc gaggatttta gggagaccta ggtggggcag 60
acactagaag tgtccagcct ccaagcccaa gagatgtggc cggcagggct gggcaggtcc 120
ttgctggctc agcctgctct ttgctccttc atgggacccc agtggatcct gcagttctgc 180
tcttggtctg aaccacgcca gcttcgctgg agctggactg agccgccttt tacattattg 240
gactctctcg ggttgagagc tgcccaggac tcctgcagtt tcaccaccct tgttcctttg 300
actcttgact catcattcat gaccgttaac gtggttccat ttgtatggac ttcttctttc 360
ttcagagcat ttcagtatcc tgttacctcc ccatgcagaa caaagaatac tccacttttg 420
atagatgggg ttaccaggat tcaggctaca tggcctgagg caaggtcaca acatgagtga 480
cagaatgtgt cctggaagcc aggcattctc tgggggtgtat ttggggcgct caacaaggct 540
tgatcgagct ttgggggtag atctagctat tccatgggga ttcttttcag aattgctgtt 600
ttcggttaact aattccatga ccaggctcat ggcattggat gacattgcgc tacactgttg 660
ctcaccgggg tcaccgctcc tcacaggttg gatggcaagc atgttg 706
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<210> 137

<211> 801

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 670010

<400> 137

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acttctacat gggcctcctg ctgctgggtgc tcttcctcag cctcctgccg gtggcctaca 60
ccatcatgtc cctcccaccc tcttttgact gcgggcccgtt caggtgcaga gtctcagttg 120
cccgggagca cctcccctcc cgaggcagtc tgctcagagg gcctcggccc agaattccag 180
ttctggtttc atgccagcct gtaaaaggcc atggaacttt gggatgaatca ccgatgccat 240
ttaagagggg tttctgccag gatggaaatg ttaggtcgtt ctgtgtctgc gctgttcatt 300
tcagtagcca ccagccacct gtggccgttg agtgcttgaa atgaggaact gagaaaatta 360
atttctcatg tattttttctc atttatttat taatttttaa ctgatagttg tacatatttg 420
ggggtacatg tgatattttg atacatgtat acaatatata atgatcaaat cagggttaact 480
gggatatcca tcacatcaaa catttatttt ttattctttt tagacagagt ctcactctgt 540
caccaggtc ggagtgcagt ggtgccatct cagcttactg caacctctgc ctgccagggt 600
caagcgatc tcatgcctcc acctcccag tagctgggac tacaggcatg caccacaatg 660
cccaactaat ttttgtattt ttagtagaga cgggggtttg ccatgttgcc caggctggcc 720
ttgaactcct ggcctcaaac aatccacttg cctcggcctc ccaaagtgtt atgattacag 780
gcgtgagcca ccgtgcctgg g 801
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<210> 138

<211> 664

<212> DNA

<213> Homo sapiens

<220>

<221>

<222> 505, 518, 527, 540, 565, 566

<223> a or g or c or t, unknown, or other

<220>

<221> misc_feature

<223> Incyte Clone No: 726498

<400> 138

cggacgcgtg ggctggaagg agctctggag tcggaatcag gatgtggagg ctgagaagaa 60
atctggctct accacctggg aaactggcat ggttgatatt gtcagtgttc agtcagggga 120
gcagagccat gatgagtctt acggaaataa ggttaaaaca tatgcttgaa atttggcatg 180
gcagacaagc cagagcttgt gaaaatctaa gaaaccaaac acgtgtagcc accaaagtgg 240
aaccacaaaa gggaagatct acagaaatct gttgccttgc ttagttcca ttaaagtagg 300
ttgtgcagtc aagcatcttg tgggtgggtct ggagctgttg ccagcatcag gaagacaagc 360
tgggtgctaa gtgaagaaat acacaatgta gaaactgtca ggcattctct cccctggact 420
tcacatatac tgatgatgtt ctacagagtc gggcactgct tcacttttct cttccaaatc 480
tcacacaaaa ttctctgtta ggcaccccc gcttagance ttacaantga gggggatcan 540
ggaaatggag taccagata cccanngtga tatactttta tgccctcagt ttcttatctt 600
tcagtgggga taatatcttc ggatacaaaa gagtgtacat atataccctg tatttggtta 660
acta 664

<210> 139

<211> 1241

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 795064

<400> 139

ccaggcaata tctcaggata tggaaagtttc tgggtttatt taccctcag tgcccagagt 60
taaagtttca gaagagactt gtgcacataa gggcttcac tcaagtgtat tgcagtaatg 120
gctgaatcgg ggttaacatc cttccaggc acagcgagtt ggttctgctt tttgcctgta 180
agccaaagaa aagccacatc taaaaagcta ctactaaaag ccagaaagaa aagtggattt 240
gaactcagtg tcacagactc ttctgagtgt tttagggtca cagctagtgt aagaggcatg 300
aagaatagac atgcaaaaagg gaacgggtgc accagagacc cctgttttgg ctgacagacc 360
atatgtccca ccagctgggg aatctgacaa gaggacatag gtggcactct ttttttaaag 420
ctatttattg tatctatttt taaataaaat tgcccatcct cattcagetc ttagaacaaa 480
agcaaaaaac cctgtaaatc aggagatata agcacatctg caccagaat aggccatat 540
gatagggcaa ccttgagctt aaacaatgac atcttcaagg gtagaactaa tctgaaaccc 600
cttccagcc tctggaagac actggcctgc atcagttaga gtcagagcaa gtgtcacttc 660
acagggaaaa gaaggattat atagacttcc tatccctaga gtttataaat gtcaactata 720
taaaaaaagc tcaaaacagt gttaaaggaa tgaacagtag aattttaata ggctgtccaa 780
agaagccagg tctgctgtgg gcaagtatag cctaacccta gtcttgtaaa ataagccaga 840
aaggggttact gagccacctt aagctagtac ctatatagta ggcaaaaagt acagaaatag 900
atgcaataag tgtggtgagt ctttgagcct acgagtcag ccaccagcca taagttgacc 960
tatcacttga gaacctctc agcaaagatg ccagaaaaca ttcaatcaag ttggcaaatg 1020
acacagggag ctggccctct gaccatcttc ctggcaaac ttgactggaa gggccatttg 1080
cagcactgtc ctggagctaa tacactgttt cactgcctct gccatataat gatgccagca 1140
ctagccagct ggtgggtatt tggaggaatc ctgcatgagg attgccaat aaggggcagg 1200
tacacatacc tggcaaagtg atgatgatgt gaattgtttc c 1241

<210> 140

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221>

<222> 570, 641

<223> a or g or c or t, unknown, or other

<220>

<221> misc_feature

<223> Incyte Clone No: 924925

<400> 140

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tggagtgggg agaagagcat acgccaggag cctcctgcct caaagtgctc ccctaagtct 60
tcttcctcct gtgctgacct cagggtggtc tgacccttcc ctcggtgtgg gggatgtggc 120
cctctcaggt gccctactt gctttctgct tccttctggt gaagtccacc tccaacatta 180
acctgcccac cccacccccg tcatccctgg agaattccag ctttgtcgta tctcagagag 240
ggaatctaata tgtttttggg gggcaaaaga aagcaacgtt taggtatcac ttctacttgg 300
accgcatgcc tttttatagc caaatttctg tgtatttcgt aaatggattt cgcgttaatg 360
gatatttatg taataactag acttctcaga ttattgtgag aagggtcagg ttggaagggg 420
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<210> 141

<211> 1235

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 962390

<400> 141

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<210> 142

<211> 1834

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1259405

<400> 142

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<210> 143

<211> 1722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1297384

<400> 143

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tcttccagag atcaagagct tctcttgcat cttcttccac tgggctctgg attaataaat 540
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<210> 144

<211> 1741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1299627

<400> 144

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tgtggcaag attgcaaate ttactgctgt gatggaacca cgcctactg ttgctcctac 180
tacgcttata ttgggaatat cctctcgggc actgcaattg cgggcattgt ttttgggaata 240
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cacagggcga cccgcgtggg catcctcagg acgactcaca tcaacaccgt ctctctctat 360
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ccatactccc ccaccccaca gggctccagca cagcgttctc caccctctcc ttatcctgga 480
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gactcgcaaa aataaagtgg gaaatgaagt tcagattccc ttctgtagat ttccttaaaa 1560
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 cacaattaag atactgacat caaattgttg ccttttacca aaatgcaa atttatgaagt 1680
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<210> 145

<211> 997

<212> DNA

<213> Homo sapiens

<220>

<221>

<222> 973

<223> a or g or c or t, unknown, or other

<220>

<221> misc_feature

<223> Incyte Clone No: 1306026

<400> 145

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 cgtctgtgcc ggcttatccg agcataactg tgacacctga tgaagagcaa aacttgaatc 240
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<210> 146

<211> 981

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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<400> 146

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 tctgttcatt ttcatTTTTA aagaatatcg ataacttgat gacccagaa ggagttggcc 180
 ttaccactgc cttacgtgtt ctctgtaatg ttgcatgcc accacctcct gttgaaggtc 240
 aacagaaaga tctgaaatgg aatcttgccg ttattcagct tttttctgct gaaggaatgg 300
 acacgtttat tcgagttctg caaaaattga acagtattct gactcagcct tggaggctcc 360

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atgtcaacat ggggactacc cttcacagag ttactactat ttcaatggct cgctgcacac 420
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acatgcgtgt tccttcagcg cttgttactt tacatatgct cctgtgetct atccccctct 540
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981

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<211> 526

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1329031

<400> 147

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ttcagtagca gcagcacagc caggccctgg ggaagtttct tcaggacatc ctctgggaag 360
aggccaaaga ggccccagcc gacaagtgat cgcccacaag ccttactcac ctctctctaa 420
gtttagaagc gctcatctgg cttttcgctt gcttctgcag caactccac gactgttgta 480
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<210> 148

<211> 2090

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1483050

<400> 148

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<210> 149

<211> 2403

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1514160

<400> 149

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<220>
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<211> 2109
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<213> Homo sapiens

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<210> 152

<211> 1114

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1693358

<400> 152

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<211> 2192

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte Clone No: 1707711

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<210> 154

<211> 913

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1738735

<400> 154

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<210> 155

<211> 480

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte Clone No: 1749147

<400> 155

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<210> 156

<211> 545

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1817722

<400> 156

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<210> 157

<211> 1746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1831290

<400> 157

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<210> 158

<211> 2011

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte Clone No: 1831477

<400> 158

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<210> 159

<211> 480

<212> DNA

<213> Homo sapiens

<220>

<221>

<222> 440

<223> a or g or c or t, unknown, or other

<220>

<221> misc_feature

<223> Incyte Clone No: 1841607

<400> 159

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<212> DNA

<213> Homo sapiens

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<223> Incyte Clone No: 1872334

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<223> Incyte Clone No: 1877230

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<213> Homo sapiens

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<221> misc_feature

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<210> 171

<211> 1492

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1932226

<400> 171

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<210> 172

<211> 1613

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1932647

<400> 172

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<210> 173

<211> 1622

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2124245

<400> 173

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gagattgatg gaaaacaagt tcagcaaaag gatgtcactg aaattgatat tttagttaag 540
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gaagatgttt tacctggcaa gttacctgaa actcctctca gagcagagcc gccatcttca 780
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<210> 174

<211> 1320

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2132626

<400> 174

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<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2280639

<400> 175

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<210> 176

<211> 1477

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2292356

<400> 176

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<210> 177
<211> 682
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2349310

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<210> 178
<211> 1508
<212> DNA
<213> Homo sapiens

<220>
<221>
<222> 11, 139
<223> a or g or c or t, unknown, or other

<220>
<221> misc_feature
<223> Incyte Clone No: 2373227

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<211> 558

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2457682

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<210> 180

<211> 502

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2480426

<400> 180

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502

<210> 181

<211> 1659

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2503743

<400> 181

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<211> 2015

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2537684

<400> 182

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<210> 183

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2593853

<400> 183

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<210> 184

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2622354

<400> 184

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<211> 648

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2641377

<400> 185

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<220>

<221> misc_feature

<223> Incyte Clone No: 2674857

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<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2758485

<400> 187

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<210> 188

<211> 714

<212> DNA

<213> Homo sapiens

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<223> Incyte Clone No: 2763296

<400> 188

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<210> 189

<211> 609

<212> DNA

<213> Homo sapiens

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<400> 189

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<210> 190

<211> 1088

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2808528

<400> 190

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<211> 985
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<220>
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<210> 205

<211> 971

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1450703

<400> 205

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aatcacgcat gccggaaggg aagtggagaa ggttttcaac ggacttagca acatggggag 300
ccacaccggc aaggagttgg acaaaggcgt ccaggggctc aaccacggca tggacaaggg 360
tgcccatgag atcaaccatg gtattggaca agcaggaaag gaagcagaga agcttggcca 420
tgggggtcaac aacgctgctg gacaggccgg gaaggaagca gacaaagcgg tccaagggtt 480
```

```

ccacactggg gtccaccagg ctgggaagga agcagagaaa cttggccaag ggggtcaacca 540
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971

<210> 206

<211> 1832

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1910668

<400> 206

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1832

<210> 207

<211> 567

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1955143

<400> 207

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tgagttctgt tgccacaaaa gttatatagc acatttggtt tgcactgaat cagcgattct 180
caatcctggc catgcttttag aattatacaa gaaaaatctt caagtatcaa tactcagtcc 240
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<210> 208

<211> 1303

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1961637

<400> 208

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gagcctgatg tccatgatcc aggtggctct gagaagcttg gcctggacac ctgagcctgc 180
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gtgaggacgc agcctccata tttggtgcac tcaggcatgg ctgggacaag ccagctgccc 480
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<210> 209

<211> 1355

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1990762

<400> 209

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<210> 210

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1994131

<400> 210

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ccattctggt ttatagtttc tgtgtcact gcttgtgata atcgtaagta tatattgttg 180
agaacagtgc ctgttttctc tttccctgaa aacacatact ttgacgttgg ctgacatagt 240
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tgcttcatg gatcaagttc atcatatgca gactcaaaa tggcagcatc cttcggacct 360
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atttcatgtt cttttgctgt tttgtgcttt gccgattttg gattttatatt ttcacaaaat 600
ttttatttaa aaaactcgtc accttttggg aatgccatt gccgacttga atttttttgt 660
atggagtccc cctgattttg tgtgtgtgtg tctgtgttta agcagcgtt cggttggtat 720
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<210> 211

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1997745

<400> 211

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agttggagat gctgccgttg tggcagagcg tcctgcagcc ccgcttccat cagcaggctc 720
tgggggtggg gctttgcagg ggatgctctc tgatgtttgt tccgttggtt aaataaaatg 780
cacttatttt tgtttttttt ttgcaaaaa aaaaaaa 817
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<210> 212

<211> 484

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2009035

<400> 212

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ttaatgatat gatgttgcag ccagtggatt tattacagtc ttacttatta ttgctctact 180
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acagtggctc atacctgta tcccagcact ttgggaggcc aagggtgggg tagactgggt 420
gagctcaggg gttcaagacc agcctgggaa catggtgaaa cccaactcta ccaaaaaaaa 480
aaaa 484
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<210> 213

<211> 509

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2009152

<400> 213

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taataagttt tatttgtatg taataaattt tattatataa aaataagttt taatatatat 120
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```

tatataaaaa gttttaataa atacctaata tattatttaa tatgataaaa cttatattaa 180
atgaaatddd atgctgttct cttgtcaatc tgtcttttgt tatcttgctg gtgtgcctgt 240
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ggagaatgta ttaaaatagg atattttaat tataaatgca tgactgggga gggggattg 420
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catggaaatt tatgttcctt ctaactttt 509

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<210> 214

<211> 1130

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2061752

<400> 214

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<210> 215

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2061933

<400> 215

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tccatcatta agtcttccag caaggttaag tgcagtatgg aaggagaagg gggaagagga 240
cggtaacggc cccacactcc aggctgagaa agagtaatta ggaggcctga ggaggggccg 300
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gtagattag agatgcttct gctgacgca ggggttctta tttgaaaaca tctatgatgg 480
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<210> 216

<211> 1279

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2081422

<400> 216

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<211> 899

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2101278

<400> 217

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tgggaagata ggtttgtgga gtggcaccga caggactgtg attgtgtgtg ggcctgcccc 180
acattttctct gggggatgct tatgtgagag tgggcccagt gaaagagtta ccaagccacc 240
cacacccta acactgttct ggatgagaga tgagagcaga ccggcttctc cccatcagtg 300
cattgtgcct gttgtacacc cctggaggag ccctggagcc agcccagggtg gggtagacaa 360
tctttttaa ttccatatgg ttgccagctt atttctttca cttgtttact gtaatatctg 420
gcgtgttttt atttatctaa ttttgtattc agttataacc atggtagggg tagtgaatat 480
atgacagggtg taatccctgg tgctgcagtg gaccttcttt tcttttggac aagataatac 540
tgtgagtttc cctccttctc tccctctaata ttgttttctt tttttcccca gcctcttgca 600
tccccttctt ttctacctg tccatacaact atcatatgca cagtcttctc tctttgtgtg 660
tgactgttac aaaatttcac ttttcaaaat cgaaatcagg tgtttgetca aatgagggga 720
gatttttttt tttttttttt ttttaaatgc tgagacttca gcagagtact ttccttttgg 780
tggtttcccc caaaaaccca tcagtctggg agagcattgg gagtggaaat catgttgcct 840
gggatgctgg tttctttgaa aattatataa aacgtatgta aaaggtcccc ccatttggg 899
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<210> 218

<211> 645

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2121353

<400> 218

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ccccggcttt tcccaggcag gctcctgcgt gccactggc tccagcctgg tectctgtct 180
cttggctgct tcaactcctgc tctttgtccc gactctggcc ctgcttacag gggccactac 240
ctgctggtgc ctccataaca agcgtctggc gttgagaccc ctggcatggc aggggctttg 300
gggtctggtt tccacaaggc ttagccatgg cagaacctcg ttttatttta actctttgcc 360
cctacaaaca aacagcagta cttgccagaa ccattcttgg gattcaggag ctcgggcgac 420
tgccttgccc tctggccgca cccaggaggg tgggggttga tctgtgtagt tgccaggccc 480
acacctgcca gcagggggct gactggatcc atgctttact gtgtttaatg ggggtaacag 540
gggtccctac agccctccca gctaaacatt tggaacaaaa caccagccct tttgtagtgg 600
atgcagaata aaattgttaa tccaatcacc tccaaaaaaa aaaaa 645
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<210> 219

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2241736

<400> 219

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agattaactt ttctcttttg agttctaaaa cattaactgg aaagattaga taatatacta 120
aatgtataca gaagtataca gactatacaa agactgaaac aagtcctttt tgcactacaa 180
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ctctataaca ttaccgcaga aatttttggtt ctatgtagca tggacctcct aaggaattct 240
gtttctttta gcattgagat ccctggtgct ctttttttac ctcagaattg gtacaatcat 300
tattaaacgt taatttattt caaacttttt aattgaaaaa aggaaagga aacttaattg 360
gggataaatt caggcatcat attattatga tagagtctcc tgagtgggtc gtctataggt 420
aatgaactca ttggtgttat ttcttggaca tcttggcctt ttaatcaaag actgtgtgct 480
gctattttgct atgagcaagg tttctcaaaa gcaaaagggtg cttggaccat ttggatcacc 540
tgagttagaa tctctaggta tagggcccag gtatctgcat tttcacagggt ttctttagg 600
tgactttctg caagctaaag tatgagaacc attggcttgg atgtagttct aaacttttag 660
gtctgtaaatt cttgaaatct tgaactgaag gtcaactatt ggc 703

<210> 220

<211> 536

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2271935

<400> 220

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aaatgaccct cctcctccac tcctcttcgc ttctctcatt tgctaaagtg gtcctttctc 120
tgctgaaat caggcccttt ggtgatggaa atttttagctt aaagcagagt tctaagcaga 180
atcctaacc tgcgagggtg gggagaaaat caatgttttg agctgggtgtc tgtttgcage 240
gagggtgctg tgaggccatt ttcacagga ggaacgggtg tggtggctac ttctgggctt 300
tagatccacg caaggtctcc taaatacaag tcaactgcat ggtacacaat ttagcaaac 360
ttggaggctg attttccccg ttgacttagc tagggtcagg aggaagctgt ttagaagtac 420
agaggttctg catctgggag ggtaaaatcc aaacgcctct catgctcaga gggaaagcat 480
gcctgcatgt ttactatcac tgctggccta cgtgcttgtg tgctgaattt agatgg 536

<210> 221

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2295344

<400> 221

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tatttacaat gttatctctt aaatctttga gtacattaca tttctctccc tgataatctc 180
ttctaaatta cttctcttag ttggttttct tccttccctt aatgttagcc attcttcagg 240
tgaaggttaa tcctcaatgt actcttcatg tttaagggga ggggtctaaa ccttgtgggt 300
aggacttacc aacggagttt cattgcatga tgatcttatt gagcttattg gtageccctta 360
tctcagtatc tttagttttt cttgggctgg tcagattttc aagagaagac ttttcatttc 420
ctttgtggag ggaaaaggcc ttttaccagc actcttcaag ctgagtaggg gaaagacttc 480
aagcactcag gaagcatgca ttcactttat ttggaacaat acccttactt gtaactgtgc 540
ctcaggtgcc atagtcacac gagacttctt ttacctgtcc agagaataaaa attagttgtc 600
tggttggggtg acaaaaagtg tggagctgaa gagggtagct ataaatgaag ttgttttctg 660
gccgggcgca gtggctcacg cctgtaatcc cagcacttcg ggaggccaag gtggagggat 720
cacttgagtc caggagtttg agaccagcct gggcaacata ctgagactcc gtctctccaa 780
aaaaaaaaa 790

<210> 222
<211> 1045
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2303994

<400> 222
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atgagaccct gtctcaaaaa aaaaaaaaag ttttctagaa taagcaggat gattgtttta 120
tttgaagatg gaacaggaaa ctagagtgc tttaaaatac tctgtcttca ttttaacatg 180
ttgaatggaa taactgcata tcaccatgag tttgttttgc ttttcataca gacttgtatg 240
tgtcatttga gtggtttcca gattggagcg aggttattct gatctaaatg aacagcattt 300
ttttccttag cctctgtttg ccactctggg tatctctcct atgggcaaag ccattagaaa 360
tgcataaaac ctcgagacat ggtttttggc aaaaactcca tgactttaaa ctagctcttt 420
tactactgac ctttcacaga gaaaaaatat ttcccttgaa aaaaactggg cttgtcattt 480
tttcccttgt agctttaagc agagacataa gtgccttgca ttacacatag taaactttct 540
ttaaaaaaaa aaaaaaagat tttggagact accagggtaa gattccaact tgtccaaaag 600
ctttctggcc ttacatattt tattataaaa attctcaagt ctggtaatct tctatgtcag 660
agctagtgat ttcaaaaggc ttcacaattc cccaagacaa aagtgatttt cgttcattat 720
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gacaccgtgg attgaccttc ccgggtccac taatataaag ccaataaagc ttaaaaacac 960
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<210> 223
<211> 553
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 2497805

<400> 223
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ccaggcacag cagttggtga ctcccttggtg ggagccgtgt cccacccggg cctgatactg 180
ccgtcttctc tttcacagtc ctccaggcctt gggccagcct tgggggcagc agagcttctg 240
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tcatttggtt ttgctttttt tgtttgtttg ttttcaccta atttttgcca gacttaagct 480
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gcttttgaat cca 553

<210> 224
<211> 706
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2646362

<400> 224

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agacaccagc ctctgatggc tcaggaggac ttgtggggag aggctggggg caccatgtg 180
gtgggctctg tgcagcatgt tgcctctgct tggctgtgcc tgcagctcag ggtgctgggg 240
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caaccccctc tcctttcttt cagttctccc atgcagccga ggcccgggcc cctcaggact 360
ccaaggagac ggtgcagggc tgcctgcccc tctaggtccc ctctcctgca tctgtctccc 420
ttcattgctg tgtgacctg gggaaaggca gtgccctctc tgggcagtca gatccacca 480
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ggggctattc acttttatat atttatataa aattagtagt gagatgtaac aaaagcttta 600
ttggtgtgtt tgagctgggt ggtgccacat atttggggat ttgaagaagg aggtgagatg 660
tctggatggg gactgggatg ggtagaggat tcagtgatac tccgag 706
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<210> 225

<211> 509

<212> DNA

<213> Homo sapiens

<220>

<221>

<222> 492

<223> a or g or c or t, unknown, or other

<220>

<221> misc_feature

<223> Incyte Clone No: 2657146

<400> 225

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tgatctgtca atgtttaagg ctgttggttg ttcttgtagc ttgctaata tgtttttctc 180
ctgacagggt aacctgccct cttaactcag cagtggttct agcgtcctat gccgtacaat 240
gtaagtcaca aaggagcat ttcacggatg gacaggttgt tctgatcagt gtgtggagaa 300
agtcactggg tcctcctgct tgaccaagtc cctcttcccc aggaatcctg ctgggcagca 360
tatctctggc tgtccagata tgtgtttcta ctgagactgg cactctcctg tagcatgggg 420
atgttagatt aaggaagggt gttaaagggg aaagaatgaa tgaactgtgg tgtgaaattt 480
cttccaagga gnccatccga cagcagaca 509
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<210> 226

<211> 2153

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2755786

<400> 226

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ccatgggccc gcttgaggca cactgagggg acgcggggct gggccatggc cggcgctcgg 120
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gccgccgccg ccgctgcctc ggccgggggtcc tcggcctctt caggcaacca gccgcctcag 180
gagctggggc ttgggggagct gctggaggag ttctcccgga ctccagtagc ggccaaggat 240
ggcagcggga ccggcggctc taagggtgag cgcattgaga agagatgtct ggagctgttt 300
ggccgagact actgtttcag cgtgattcca aacacgaatg gggatatctg tggccactat 360
ccccggcaca tcgtgttcct ggagtagag agttctgaga aggagaaaga cacgtttgag 420
agtaccgtac aggtgagcaa gttgcaagac ctcatccacc gcagcaagat ggcccgggtg 480
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ctcagaactg tgtgggggtt cctgggggcc ttgtggaagc catgacttca caaagaccct 2040
acctgtcagt tcttgtttct ggggaggagg gatcacctgc actgagaatg aggcagtttg 2100
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<210> 227

<211> 791

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2831245

<400> 227

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gagaatggta tggagatgaa aggttctcgt gtatggcttt tgctcctatt tatgtggaaa 180
gcagcccta cattctttca aagctgtgtt gttcccttta ttctcagtc ccagaattgt 240
gtgcaaacac actctcttgg ccagggggtt tggtgggtg tggttccttc tgggaagtctt 300
cactagcact cttgagttag ctggcaggag atcccttaaa accatttcca agcagttttt 360
ctcacttccc tataggggct aatcctgtac tttccacttc agttccagct gctgttgctt 420
gggaagaaac aaatttctgc tgtgttctca atctccagac ggtccatgaa aatttaattg 480
ataagaacaa agaggctggg cgcagtggtt aacgcctgta atacctgcac tttgggaggc 540
tgagggtggg ggatcacctg aggtcagaag ttcgagaaca gcttagccaa catggcgaaa 600
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gtacttggga ggctgaggca ggaaatcgct gaactcggga agcaaagggt gcattaaggg 720
tacgagctcg aattcgggtat catgttaaaa ccgtttccgg gttaaattgg tatccgcca 780
caattccac a 791

<210> 228
<211> 870
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 3116250

<400> 228
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tattcttcaa gcaacttaca gctgcaccga cagttgcat gaaagtteta atctcttccc 180
tcctcctgtt gctgccacta atgctgatgt ccatggcttc tagcagcctg aatccagggg 240
tcgccagagg ccacagggac cgaggccagg cttctaggag atggctccag gaaggcggcc 300
aagaatgtga gtgcaaagat tggttcctga gagccccgag aagaaaattc atgacagtgt 360
ctgggctgcc aaagaagcag tgccctgtg atcatttcaa gggcaatgtg aagaaaacaa 420
gacaccaaaag gcaccacaga aagccaaaca agcattccag agcctgccag caatttctca 480
aacaatgtca gctaagaagc tttgctctgc cttttagtaga gctctgagcg cccactcttc 540
caattaaaca ttctcagcca agaagacagt gagecacact accagacact cttcttctcc 600
cacctcactc tcccactgta cccaccctta aatcattcca gtgctctcaa aaagcatgtt 660
tttcaagatc attttgtttg ttgctctctc tagtgtcttc ttctctcgtc agtcttagcc 720
tgtgccctcc ccttaccag gcttaggctt aattacctga aagattccag gaaactgtag 780
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<210> 229
<211> 764
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 3129630

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tatggcgata aaaatcattg tctacattaa aacttcttat agttcataaa attatttcaa 480
atccatcacc tctttaaatc ctgcctctc ttcatgaggt acttaggata gccatgattt 540
cagtttcaca taagaatgtt tactcaatgt ttaagtgtgt tgcccaaaa tcccaacta 600
acaaggcaga actaggggac ttgaccttg gaccttttg ggtcctaacc tccaggtaag 660
tataaacaat ttcaattggc ctttccctt gccaaagaaa aaaaaataa aggggcgggg 720
gggttccccg acccccgga tttccggaaa cccttggtaa aacc 764

<210> 230
<211> 540
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 007632

<400> 230
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ctcatgaaga cgcgcgctta actccggagg agctagaaag agcttccctt ctacagatac 180
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acattttact gagtcattct ttggccagaa tctggaaacc atacaagaaa cgtgagactc 360
ctgattgctt ctggaaatac tgtgtctgaa gtgaaataag catctgttag tcagctcaga 420
aacacccatc ttagaatatg aaaaataaca caatgcttga tttgaaaaca gtgtggagaa 480
aaactaggca aactacaccc tgttcattgt tacctggaaa ataaatectc tatgttttgc 540

<210> 231
<211> 857
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 1236968

<400> 231
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cctgggtagt ttgcacggtt tggttgaaa ccacagtccc cccatctctg ccagaacccc 180
ccatgtggcc actgtcctca gacagctcct ggagcttgtg gataagcact ggaatggctc 240
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tgcagcagct gaataaggag ccaaaagggt attccgggaa agcgcctcctg cctcctgaga 600
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<210> 232
<211> 1010
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Clone No: 1334153

<400> 232

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<210> 233

<211> 1981

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1396975

<400> 233

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<210> 234

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1501749

<400> 234

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aagcattttg ttaaaaaaaa aaaa 744

<210> 235

<211> 979

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 1575240

<400> 235

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<210> 236
 <211> 760
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 <213> Homo sapiens

<220>
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 <223> Incyte Clone No: 1647884

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<210> 237
 <211> 1080
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 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Clone No: 1661144

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<210> 238

<211> 1129

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte Clone No: 1685409

<400> 238

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<210> 239

<211> 2370

<212> DNA

<213> Homo sapiens

<220>

<221>

<222> 122, 124

<223> a or g or c or t, unknown, or other

<220>

<221> misc_feature

<223> Incyte Clone No: 1731419

<400> 239

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<210> 240

<211> 981

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2650265

<400> 240

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<210> 241

<211> 1204

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2677129

<400> 241

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<210> 242

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 3151073

<400> 242

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<212> DNA

<213> Homo sapiens

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<211> 2255

<212> DNA

<213> Homo sapiens

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<223> Incyte Clone No: 1003916

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<211> 1223

<212> DNA

<213> Homo sapiens

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<223> Incyte Clone No: 2093492

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<211> 1188

<212> DNA

<213> Homo sapiens

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<211> 1792

<212> DNA

<213> Homo sapiens

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<211> 2005

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<213> Homo sapiens

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<213> Homo sapiens

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<223> Incyte Clone No: 2253036

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<213> Homo sapiens

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<223> Incyte Clone No: 2383171

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<213> Homo sapiens

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<223> Incyte Clone No: 2484813

<400> 259

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2445

<210> 260

<211> 672

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2493851

<400> 260

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ctgggttcca tgcttcccag gtgtgatggt gaatgetgag tgtcagcttg actggattga 540
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ggctgccagc aa 672
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<210> 261

<211> 1183

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2495719

<400> 261

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agcacaagta taactatgac gatgttctgc tgcttagcca gttcatccgg cctcatggag 420
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<210> 262

<211> 1266

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2614153

<400> 262

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<210> 263

<211> 1093

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2655184

<400> 263

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taaatccaac gcaacatctg gcaaaacctt ttcagcaaat tcttcttggc cgtcagtccg 480
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tcaaataaaa ggaaatagaa gacagtttgc aagagaagtg gtgtacagga aattacttca 720
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tttgacagga gtatgtacag aaaattcaag ttttgtttga gacttcataa gcttggtgca 780
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<210> 264

<211> 1056

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2848362

<400> 264

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1056

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<210> 265

<211> 1183

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2849906

<400> 265

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catcaccgga ccgcaggcag cccctctgc ctccccacac caggagctgc cccgggtctc 480

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<210> 266

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2899137

<400> 266

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<210> 267

<211> 606

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 2986229

<400> 267

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<210> 268

<211> 1025

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Clone No: 3222081

<400> 268

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